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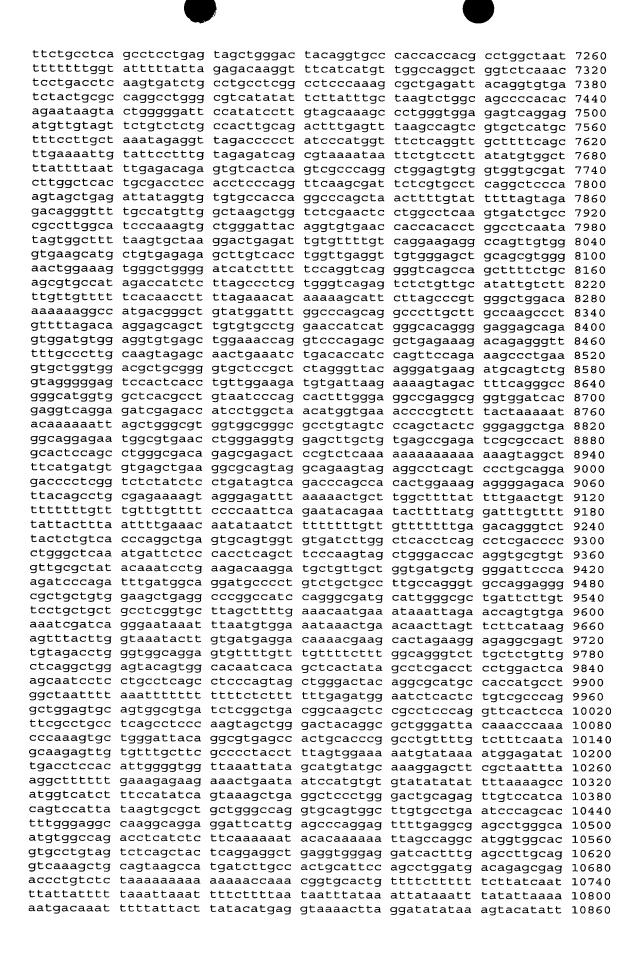
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gggattagga gaacactctt taatgataaa gcctgtccaa gtactaagga caattagagt 60
aggcaggtga cctgtacaaa gtattagtga taacacaaca ttcagcttcc taagagttaa 120
aacgtgctgc ttacatgaag ggagatgata ctgagctaag aagtcctggt atagagaagc 180
agagagacca acctacttca tattatttat aaaatagaga atattctcag ctaacatgct 240
gggagaaaaa attetteeaa aaaggeagaa ttacaateaa tgeeaagatt tacaaattee 300
atcatgttta attataagga caaaaataaa catttcctta tttaaaaaaa accccccaat 360
tttcccccaa ctatagcnt
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<210> 3466
<211> 439
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W02695
<220>
<221> unsure
<222> (1)..(439)
<223> n = a or c or g or t
<400> 3466
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attgtttccc caaaatatgc acaattacat gtgtcaattt taaaaaatga atgaagacta 120
taatgtaaaa cctatagctg taaaattcct agcacaatac agaagggtga agcttcatga 180
caactggtcg tggcaataat ttgggggacg taacatcaac ggatgagaca acaaaagcaa 240
gggaatacac atggtactga atcagtgtat gaaaaatatc ccaaacagac aaagcagaac 300
atggaataga tatatngcac attgtagtat tagtcacaaa catgttacct tggaagcaaa 360
```

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tgtaccetta aggattgagt tagattcage aaacagggea egtacaatea etggggatag 420
cattcagcct taaaaataa
<210> 3467
<211> 485
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W03796
<220>
<221> unsure
<222> (1)..(485)
<223> n = a or c or g or t
<400> 3467
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tgttcccaat gagaccatca tagtgctccc atcaaatgtc ataaacttct cccaagcaga 120
gaaacccgaa cccaccaacc aggggcagga tagcctgaag aaacatctac acgcagaaat 180
caaagttatt gggactatcc agatcttgtg tggcatgatg gtattgagct tggggatcat 240
tttggcatct gcttccttct ctccaaattt tacccaagtg acttctacac tgttgaactc 300
tgcttaccca ttcataggac ccttttttt tatcatctct nggctctcta tcaatcqcca 360
cagagaaaag gttgaccaag cttttggtgc ataqcaqcct qqttqqaaqc attctqqaqt 420
gctctgtctg gccctgggtg gggtttcatt atcctggtct ggtcaaacag ggcaccttaa 480
atcct
                                                                   485
<210> 3468
<211> 362
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W04507
<400> 3468
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aactttcatc agcttcaagg tttatgttgc tcccgaattt tgcatacaac tgaactttca 120
aatctgctaa cactcgctga attgattcca ctctggattc taaggcgtca atttcttctt 180
gcaaattttt ctttgcttct tctaacattt cttgcgtttc ttcttgagaa tggctaatga 240
agacatcacc aatttgataa ggtatcatta agcaatcatc atctgcaagc atgatgtcat 300
cacaagcatc ttctaggttt tggagttgtt tcttttttac ttctatttct tccttcagct 360
<210> 3469
<211> 228
<212> DNA
<213> Homo sapiens
<2205
<223> Genbank Accession No. W04550
<400> 3469
ttttttttt tttttttt tttttttt tttagaaaaa caagttttct atttatttaa 60
aaataagttt gtagttacta cattgcaggg acaggtattc ttacacatac attctagttt 120
gtataaaagg attcaaagaa ttatgcatca aaactaacat agaaagtgtc cacgtaacag 180
taaagaaagg tccaatcagt atgtacaaaa agaaagggca ctgctatt
<210> 3470
<211> 526
<212> DNA
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<213> Homo sapiens
 <223> Genbank Accession No. W07723
 <220>
 <221> unsure
 <222> (1)..(526)
 <223> n = a or c or g or t
<400> 3470
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tgatgggaaa gtcatcatcc tgacggccgc tgctcagggg attggccaag cagctgcctt 120
agcttttgca agagaaggtg ccaaagtcat agccacagac attaatgagt ccaaacttca 180
ggaactggaa aagtaccccg ggtattcaaa ctcgtgtcct tgatgtcaca aagaagaaac 240
aaattgatca gtttgccaat gaagttgaga gacttgatgt tctctttaat gttgctggtt 300
ttgtccatca tggaactgtc ctggattgtg aggagaaaga ctgggacttc tcgatgaatc 360
tcaatgtgcg cacatggtac ctgatgatca aggcattcct tcctaaaatg cttgctcaga 420
aatctggcaa tattatcaac atgtcttctg tgggcttcca gcgtcaaagg agttgtgaac 480
agatgtgtgt acagcacaac caaggcagcc gtgattggcc tcacan
<210> 3471
<211> 351
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W15275
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ataaagtaca attaacaata acataacatt acaacattaa aaattaaaac tttcagaatc 120
accttgatca atatataaag ctttagttcc ttatttcaac agtgttcttc tcatatgcaa 180
aacagcttcc caaaataaga gattcgtgaa tgaaatttta taaagcttcc tgtgtaccaa 240
agagattgac tccacatcaa ctgtccccta ctgaaaatcc aaaccataca ggcttgaagg 300
accagaactg agccacattc tattaaagtt atcaaagata aaatcttaaa g
<210> 3472
<211> 445
<212> DNA
<213> Homo sapiens
<2205
<223> Genbank Accession No. W15417
<220>
<221> unsure
<222> (1)..(445)
<223> n = a or c or g or t
<400> 3472
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cactgttcct atgcgcactg gctttgtagg cattcacatc atatgtctgt gtcctgaaaa 120
tctcaattaa tttctccttc ctattccttt tccatgctct gcctcatttt ctcagaaatt 180
gaaggcattt gattattatt ttnttgtttg ggtctgtgta aaggttcctt ggcaggagaa 240
catgcatatg actttaaaat aaagaccaac attctgacac taaggtaatg cacagaaaaa 300
atacagtact cagacatcat tgcaaataaa taccccatac agatgaagtt atctcaaatg 360
taacaatatt tettatgaat caacaetgta aeggaagggt aaaaatagga gteeetacaa 420
ctaggaataa gaaatggctt attcc
<210> 3473
```

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<211> 435
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W15495
<220>
<221> unsure
<222> (1)..(435)
<223> n = a or c or g or t
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agagaaatat actgagaaag acccatataa ctgcttcaac aaagaaaaca acttcttcat 120
tatcttcata ctttacttca tattacaaat tttgtgctac tgttagatga tatattaatt 180
ttattttcat tacataaatt gaggaagaaa tgcagaatca gattcaaata tattacaagg 240
catttaaggg aggtgtgtcc tgttgctgaa cagtaaatta tctgaaaatc tacttttttn 300
ttttttggag atggtctcat tctgtcacac agctggagtg cagtgtcgtg atctcggctc 360
actgcagcct ccacctcctg ggttcaagca attctcatgc cttagcctcc caagtagctg 420
aggcaagaga aacac
<210> 3474
<211> 414
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W15528
<400> 3474
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gcagatcata gtgctttatt aacaaattca tgtgttcttt tcccatccct ttaatacaaa 120
aaaattattc atcagttatt ttcatctgac atttcactaa gtacagaatg cataatgtca 180
acattattag atcagccatt caagtgggtc acataagttt atcctcattg tgccaaatac 240
ccactcaaag gataagctga ataacagatg cctccaggtg tatacaacaa ccttagtttc 300
ttgacttgaa ctagtcctgt ttaacaggtc aaactggcta agtctttcta agtaaactaa 360
aaaagactca agtacacagc tgtacataca tatcatcaga tgggtaagtt catt
<210> 3475
<211> 501
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W16686
<220>
<221> unsure
<222> (1)..(501)
<223> n = a or c or g or t
<400> 3475
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taccccaaaa tgattacacc cagggaggaa aaaaaggagc gctttctagg gtcagaatcg 120
tggagagaat actcagaaat gaacctcttt aaagccttgc aggaatgagt cactcttact 180
taatgaaatg ttaaagccaa ttaaaaagca tgctqtqatq cccaqcttcc ctttccacag 240
ggtgcatgcg tctcctgctg gtgaatcaca tqcqqcaaqa qqcaactqqc tccacaqcct 300
gggatgctgc cgtaccaaga ggaaagaagc agcaaaatgc ctttacgttg tctaaacccc 360
cgacgcataa agtgtagagg agggatggcc aagggtgggt ggtagaaagt gtgttcaqqc 420
tgacactggc aatgagtaca gataattnac ttnctctcta ggggcaaagn tqatqqctct 480
```

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actttgtanc aggagaactn c
                                                                  501
 <210> 3476
 <211> 698
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. W20094
 <220>
 <221> unsure
 <222> (1)..(698)
 <223> n = a or c or g or t
 <400> 3476
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 ctgggtgacg ggagcaagac tccgtctcaa aaaaaaaaa aaaaaaaaa agaagtagag 120
 acagggagac ggggtctcac tgtgttgcct aggccggtct tgaactcctg ggctcaagtg 180
 atteteccae ettgacetee taaattgttg ggattacagg tgtgagacag tgcacetgge 240
 cgaaatagct caagtttctg aaaaacaaat ctgaatctat ttgttattct tagcgtcact 300
 ggtctggctt tcagaattaa catacaaggt tgccacacct agttctggcc cagctttatg 360
 gtottttatt ccagtattcc accaaagttt gtttttcctg cattccagtt ctcaagtctt 420
 aaggataaag atngtacttg acagtttagt atatccataa aactatttga aggtggttaa 480
ggttccttgg gttcaatttt ccttaaaact ttgcctgaat atnggaagat tgtagggcaa 540
tgaaaaggtc tactaaatta ggaaaacctt gaaataaatt agggatccna ggtaagagcc 600
cctaaacatc aagcaatctg ggagtctgta agaaatnaat attttttgga taatcctaac 660
naatccaccc ngttggaagn ggatccttgt ccttgcaa
<210> 3477
<211> 232
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W20276
<400> 3477
gttaactgtc accttccact cagggcctct gctctatatc tattcccttc cagccagact 60
ggaagatggg ggcttcccct acccctgagg atgaggacaa gccctcggca gttcagcgtt 120
ccgtgcttct cccttgggca gctctctctt gagccctcac ctgtttcttt ctgtgaagcg 180
<210> 3478
<211> 243
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W20391
<220>
<221> unsure
<222> (1)..(243)
<223> n = a or c or g or t
<400> 3478
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taaagcaccc tccagcaacc ctcccacccc tcacccgata catagacata gggacacaca 120
cacacacaca cacacacaca cacacacaca cagatetgga teegtettea 180
cttcctgttg gcctgagcag taccaataac acactggttc accttggaag gcaaagcgta 240
```

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gaa
                                                                    243
 <210> 3479
 <211> 187
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. W20467
 <400> 3479
gtttttttt gagtcaaggt ctaactctgt catccaggct ggattgcagt gacccagtta 60
 tageteattg cagettegaa etttgggget caagecatee ttacacetea geetetgagt 120
 agctgagacg acagatgagt gtcatcacat ccagctgttt tttgtttgct tgttgttttt 180
 tgtttgt
 <210> 3480
 <211> 435
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. W21426
<220>
<221> unsure
<222> (1)..(435)
<223> n = a or c or g or t
<400> 3480
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agaaatgggt acagctcatc aaaaatgtgc agcaccggca gagggaagat acggggcaaa 120
tgtgcttcct gatgcttcca tggggatgtg ccctggtgtg catctgcttg tcaggaagag 180
tcacattgct gcttaacatg ctggattgcc ctagtctttg cccnagcctt cagaatggtc 240
ctgagaaaac atcactactt cgatgttcta ctttgctttc caaggagcaa aaataacttt 300
ggagcettet gggaagtgtg cetgggatte tteagttggt tteaggeaga tagttgagae 360
tgggggcttt gatattcaag gtctttggca agaatcccag gcttgaccaa ctgggtaccc 420
aggtcaaaga ttttt
<210> 3481
<211> 606
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W26716
<220>
<221> unsure
<222> (1)..(606)
<223> n = a or c or g or t
<400> 3481
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gcctatcccc ttgccgatgc ccacctcacc aagaagctac tggacctcgt tcagcagtca 120
tgtaactata agcagcttcg gaaaggagcc aatgaggcca ccaaaaccct caacaggggc 180
atctctgagt tcatcgtgat ggntgcagac gccgagccac tggagatcat tctgcacctg 240
ccgntggtgt gtgaagacaa gaatgtgccc tacgtgtttt ngggctccaa gcaggccctg 300
gggagagnet gtngggtete caggnetgte ateggetgtt etnteaacat caaagaaggg 360
tcgcaggttg aaaacaggag atccaatcca ttcaggaggc cattgaaagg ntcttaggct 420
taacctgtgg ggctctncan gttntccctn ccagttcccc ccagagnnga ttcaanttgg 480
```

```
nnnnnnnngn tttttttnat nnnnnnnnt nnnnnnttnt ttttnnnnnn nntnnntnnn 600
nnnntt
 <210> 3482
 <211> 617
 <212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W26769
<220>
<221> unsure
<222> (1)..(617)
<223> n = a or c or g or t
<400> 3482
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tcagtcagaa gagtgaatca ggtngaaagg gtnnanagaa gttgcctaga gtttggtaat 120
tnaaaagaaa aagatntnct tgttnngccc cnngacctga ccgacactgg ttcccatgaa 180
gcggttacca aagctgttct ccaggagttn ggtagaatcg acattctggt caacaatggt 240
ggaatgtccc agcgttctct gtgcatggat accagcttgg atgtctacag aaagctaata 300
gagettaact acttagggac ggggteettg acaaaatgtg tnetgeetca catgategag 360
aggaagcaag gaaagattgn tactgtgaat tagcatcccg ggttntcaat attcttgtac 420
ctcttnccaa ttgggattct gtgctaagca ngcaatccnc tcccggggtt ttnttntggg 480
ccnccnaaca gaaattgnca aaattcccnn gntnttatag tttcttacaa tngcccngga 540
ncctttnaan ccaatttttg nggggattcc nntnggcntt accnggttna cttgccaaan 600
nnnnnnttc ccccnq
<210> 3483
<211> 585
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W26996
<220>
<221> unsure
<222> (1)..(585)
<223> n = a or c or g or t
<400> 3483
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cactgccage tgggacctag getcagteet gtgtggtgcc catgateett etggtggggg 120
aagagtttaa gttatagggc atttggctca aattttaaaa ggcctttngt ttacctatat 180
ttctggaggc tcctgtattc tagaacccaa tctctcacct gcttggngga aaggntcata 240
tttttgggnn ccttccctat agattctgta gnattngagt gtggaaatat tttaattgtg 300
tntagatttc taagaaccaa cactactcag tctcctgcta gtctgactcc tgaagcatca 360
gcccttgtca tactgtattg actgtgtacc gtgcctttca ccttgagcat gcttcaggat 420
tttttttaaa ccacagaact tgaatacatg agggaaccag agttcaaagt cctatgaacc 480
cttaggaggg ggttagagag tcttttttgg gttgatgttt cttganggcc ctagaggngt 540
tgggttcaat tagggagtng attcaanttg ggttaccagt gatng
<210> 3484
<211> 639
<212> DNA
<213> Homo sapiens
<220>
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<223> Genbank Accession No. W27023
 <220>
 <221> unsure
 <222> (1)..(639)
 <223> n = a or c or g or t
<400> 3484
ncnnnnnntn gtnggnctcg cccaaacgaa gtctgccgtc tcctctgctg cacaactgca 60
gcaggactga ngtcacctga cgtcttctgg gtgtggaaac gggtatttca tgtctcaggg 120
agtaggtttg tgcagttaca gcttttctgt tggtatgcat aattaataat tggagctgca 180
aagcagatcg tgacaagaga tggacggtca gaagaaaaat tggaaggaca aggttgttga 240
cctcctgtac tggagagaca ttaagaagac tggagtggtg tttggtgcca gcctattcct 300
gctgctttca ttgacagtat tcagcattgt gagcgtaaca gnctacattg ccttggncct 360
gctctctgtg accatcagct ttaggatata caagggtgtg atccaagcta tccagaaatc 420
aagatgaagg ccacccattc agggcatatc tggnatctga agtgntattt cttaggagtg 480
ggtcanaagt caagaatctg tctgggcang tgaactgacg ataaaggacn cagcgcccct 540
tcttggnggg antngatcaa ntgncgtttn nnnnnnnnn nnnnnnnnn nnnnnnnnn 600
nnnnnnnn cnnnnnnn nnnnnnncn nnnnnnnn
<210> 3485
<211> 590
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W27503
<220>
<221> unsure
<222> (1)..(590)
<223> n = a or c or g or t
<400> 3485
ttttntcatc tggtctcact tcacagaaag ctccccggga gccattagcc ttcagtgaag 60
acaggaggca agccatcatg cttttggcca cacttgggtc agttactttt ttgtgaatgt 120
ccatctttat cagagaaggg aaattagcaa ggaaagtttc tggcagtact tcctgttctt 180
catggaaact caacattatt ttctcagcct cagagagttc cttgtcacca ttgtgggctt 240
tgagagagcc ctaaagcatt gtacctagtg gtacctagtg acttccaacc aaagcctttg 300
agtatgcact aaataggtga gaagaaagga gagaaggttt ttaggttaga aaccctttaa 360
ccccatagaa ggatatggtn ttttggtaaa gcttggancc aagtttgnat ttttnggagg 420
gcttggagat gaagggaagn ttcttaccag ntngtaagan agttgagtng attcaaatgg 480
590
<210> 3486
<211> 839
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W28235
<220>
<221> unsure
<222> (1)..(839)
<223> n = a or c or q or t
<400> 3486
gnnnnnnnnn nnnnnnnnt tnttgagnac cgcagtngca gcagcagcag ccgctgncgc 60
aaacaagccc tcccacgttt gaggggagtc atgagccgtt tcctgaatgt gttaagaagt 120
```

```
tggctggtta tggtgtccat catagccatg gggaacacgc tgcagagctt ccgagaccac 180
actititetet atgaaaaget etacaetgge aagecaaace tigtgaatgg cetecaaget 240
cggacctttg ggatctggac gctgctctca tcagtgattc gctgcctctg tgccattgac 300
attcacaaca agacgeteta teacateaca etetggaeet teeteettge eetggggeat 360
ttcctctctg agttgtttgt cttatggaac tgcagctccc acgattggng tcctggcanc 420
cctgatggtg gnaagtttct ccatcctggg tattgtggtc ggctccngta ttttagaagt 480
agaaccagtt ccagacagaa gaagagaact gaggcagaat atcaacccca gggtggatca 540
antgggttac aagtggttna aaannnnnnn nnnnnnnnc nnnntnntnt naannnnnn 600
<210> 3487
<211> 657
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W28362
<220>
<221> unsure
<222> (1)..(657)
<223> n = a or c or g or t
<400> 3487
tnnnntatct aggatgtggt tctgttcatg ctgctttctg cgatgtgcgt gtctgttaga 60
ataggetete tacceageta gaacacette geagacactt getggacage tatettecae 120
atacttccca gtttacattt ggtcttaatg atcttgaata gatcctctct tcattttact 180
cagccaggtt tggtactgat gtacaggtgt naaattactt caagcatttn ggnaagaggt 240
gtatataatt caataaaaaa ggtaaaacat gaacggaatt cagcttgqac ttaaccaggn 300
tgaacttgnn gggggggtn anncagnntg anctngtann ggggnnnnnn nnnnnnnnn 360
<210> 3488
<211> 661
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W28366
<220>
<221> unsure
<222> (1)..(661)
<223> n = a or c or g or t
<400> 3488
tnnnncggca atgataatat tcctccctaa tggaagccct gatcccccag agagctacag 60
gtctgctccc gacgggcctc gggcctgacc cgtccacaca gggccgtgtc aacagcagcg 120
actcaaggga cgtgtgtaca tatgtaaatg agaaatagag acgtgtcaac agatgcattc 180
atttctcttg gaatgtgtat tgtntnnatt tggngaaaca aaacaaaaca aaaaaaaagg 240
ntgggaactc cancacgtgg aaaaactaga tcctgtgggt tatngaattg gngagtcctc 300
cacginitgic tetetegete atgiaatnia etetgaceet gagiggaang ggittigggg 360
cctgtnnnna ttnnacctac atgtactatt tagcttcagn gtnctagncc tgccacctgt 420
gttttttnn gggtgctatg gaaatnatga aaggaacggg gnttcaagag gaaattggna 480
```

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ccaattcanc ttgggttntt nggggttcaa gnccaaagng gtncaaangn caaaatncnn 540
aaccccggn aacccnntnn tccgtnccgg gngnnnnnnn nnnnnnnnn ttccccttng 600
<210> 3489
<211> 655
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W28414
<220>
<221> unsure
<222> (1)..(655)
<223> n = a or c or g or t
<400> 3489
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ggacggctgg agtaaaatgg aaccccaaac accagatatc tctctagcaa tgctgagtgc 120
tagcatcatg tatgcttgtg tgcttttggn ttgcaatgag gcctcctacc tggctgaggt 180
atttggaccc ctgtggattg tcaaggttta cagctatgag tttcagaagc cctcactgtg 240
tttctgctgc cctgaaacag tggaggcaga caaagggcaa aggggtgggg ctgcgaggcc 300
agetgaceaa gaaacecete cageteetee agtecaagte cageatettt teetacaact 360
attctgcctt ccacttcgtc ttcttccttg gctcactcta tgtcatggnt acccttacca 420
acttggtnca nagttgggtc aaggggagtt gtccagccca ggtcaatacc ccaaggaaaa 480
aagggngttt ctccgtagag tngntcaatt tnaatggcnn ggnnnnnnn nnnnnnnnn 540
<210> 3490
<211> 671
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W28696
<220>
<221> unsure
<222> (1)..(671)
<223> n = a or c or g or t
<400> 3490
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aagaaaacaa cttctttctg atgtgatttt gtgaaattca aacatgactc tttgactgtt 120
taaaaaaaaa tttttttttc tttacgtntc ttggtaagat ttttttttnc tgggaaattt 180
tttggggaan ccnccaagtg gttgggaaan antggcctnt tggntcatcc cnctgggaan 240
agcettneag agaatttnte ceacetgtne tgaaaantet gttteeceag gnggnggngg 300
ggccactggt tagaagggat canagagaat tgaggggtga gcgagnttgg naaactactn 360
ctaatcctct ccatnagttt gntatgaccc accccagttt ntgaaaggnn agaaatgaaa 420
gaaaagtcct gggccaaaaa agaagagtgg attncagttg ggnttancca gttgacttcc 480
cangggggg ttnncccann nttnatgcna aannnnnnn ntnnccccan gnttnnnctn 540
tgccaaaann nnnttnncca nntttnnntt tgcaannnnn nnnnnnnncn nnnnnnnnn 600
nnnnnnnnc t
                                                          671
<210> 3491
<211> 782
<212> DNA
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<213> Homo sapiens
<220>
<223> Genbank Accession No. W28798
<220>
<221> unsure
<222> (1)..(782)
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gtggtcttcc actggcttga gtcatctctt cccaggaaag ggtggtgccg tccagccagn 180
acatccccag tggtgttact ggatgcagna ggacttggat gtagttgcac cccctgggct 240
ggggtttccc cccggttgat ttcctgcggg tgctgacttg gccgactgct gtttctqctn 300
ctcctcctcc tgcacctaca tcttggcatc gnactcatca gcaagcgcct tccactcctt 360
gcgattgttg gngatcccgn ccaacattgg ggtgatctcc tcggggaaac gggaggaatt 420
cagcttggcc ttaaccaggc tgaactngct caaanggnnt tncccaggnt tgaattcgct 480
cacanagnet taccagggtt ganetngete acaagnntnn necagnettg ancettgete 540
anengnetne nenannntte netnneence annntnnnnn ennnenenen nnnnennann 600
cennnnntce enennence nnenceenne ecetneenen nennnennen tennnnnent 720
nannennece enceceenen ecenecanen ecennennee ennenence eentntnene 780
<210> 3492
<211> 835
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W28824
<220>
<221> unsure
<222> (1)..(835)
<223> n = a or c or g or t
<400> 3492
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gcggcgtncg tgttcgagtt ctctgcaggt cactagtttc ccggtagttc agctgcacat 120
gaatagaaca gcaatgagag ccagtcagnt ggactttgaa aattcaatga atcaagtgaa 180
actcttgaaa aaggatccag gaaacgaagt gaagctaaaa ctctacgcgc tatataagca 240
ggccactgaa ggaccttgta acatgcccaa accaggtgtn tttgacttga tcaacaaggc 300
caaatgggac gcatggaatg cccttggcag cctgcccaag gaagctgcca ggcagaacta 360
tgtggatttg gtgtccagtt tgagtccttc attggaatcc tctagtcagg tggagcctgg 420
aacagacagg aaatcaactg ggtttggaaa ctctggtggt gacctccgaa gatggcatca 480
caaagatcat gttcacccgg cccaannang aaaattgcca taacactgag tngatccagt 540
ttggcttaca tgactgcaan nnnnnnnnn nnnttnncca cnttnnntcc anannnnnn 600
nnnnnccnc nntnncnntn ccaannnnnc ccccncnccc nntnncnccc cnccnnnnn 660
cenenence nnnncennen ecenennnn nnnnnennen enecennnnn enncenennn 720
nnnnenene enecennnn nnnneennee ennenneen necenenenn eneennenn 780
<210> 3493
<211> 748
<212> DNA
<213> Homo sapiens
<220>
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<223> Genbank Accession No. W28944
<220>
<221> unsure
<222> (1)..(748)
\langle 223 \rangle n = a or c or g or t
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ageceatece tgecaaggag etagagegag gtgtggeggg ggeceaeqqe etqetetqee 120
tectetecga ceaegtggae aagaggatee tggatgetge aggggeeaat etcaaagtea 180
tcagcaccat gtctgtgggc atcgaccact tggctttgga tgaaatcaag aagcgtggga 240
tccgagttgg ctacacccca gatgtcctga cagataccac cgccgaactc gcagtctccc 300
tgctacttac cacctgccgc cggttgncgg aggccatcga ggaagtgaag aatggtggct 360
ggacctcgng gaagcccctc tggctgtgtg gctatggact cacgcagagc actgtcgggn 420
atcatcggnc tggggggcat aggcccaggc ccattgntcg gcgtcttaaa accattcggt 480
gtccagagat ttcttgtaca cagggcgcca gcccaggtct tgaggaagca ggggaaticc 540
aggcagggtt tgggncttnc cctgacctgg ntgccccant cttgatttca tcgcgnggcc 600
tgntccttaa caacctgaac cgagggnctc ttgaaacaag gnnttcttcc agangntgan 660
ggnaacaagt tttttncatc aaaaatcaag aaggggggag gtgnnaaacc aggcgacctg 720
tcccagcctt ggccaagtgg taagnttt
<210> 3494
<211> 150
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W31382
<400> 3494
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tttcactgtg ttttgtcaac gtgaaattaa attgtagtta taagcaaaag ttggttgcct 120
agggaacaat tgtatattca gtttaacaga
<210> 3495
<211> 311
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W31478
<220>
<221> unsure
<222> (1)..(311)
<223> n = a or c or g or t
<400> 3495
aagattttca aaatattttt atatagaaat ttttttacaa agattttaca acatagcaaa 60
tcattatgtc atactgtaga aagatgaagc aaaggattaa actccaagga taaagaaagt 120
gctcatagca acgtattgca gtctccatga aagtgcatat aaacgggtta aggcaaagta 180
ccatcttggg acagacatgt ggcanccngn gacttntaaa acaatttttt aaaatatata 240
caaacttttt ttcttctatt cttctcaaag gcatttgaaa qqqatacttt tatqaatatt 300
cttggctgta g
<210> 3496
<211> 263
<212> DNA
<213> Homo sapiens
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<223> Genbank Accession No. W31906
<220>
<221> unsure
<222> (1)..(263)
\langle 223 \rangle n = a or c or q or t
<400> 3496
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ttgccatgaa tgccacacac ctttcagact aagcagaaag cccacaagaa aagcacaaaa 120
tgaatgcact cagctgcccc tgtccccccc accctgggtg actggggaag gacaggcaga 180
gcatcctaac aggggagctg agtctttggg aggataggaa aagcccaggg gtcagggnaa 240
accacacaga ccntacangg ggg
                                                                   263
<210> 3497
<211> 244
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W32176
<400> 3497
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ttgtattcaa aggcacagaa ggaaggaaag gcagttatca qagcatqaag tcacaqataa 120
aggatgetga ataaaagcat aggactgete etetttagee ttaggaaaat aaataatgea 180
gtattaaact agatttttat ttttattata tttccatqtq aagacatcac ccaaatqtca 240
<210> 3498
<211> 432
<212> DNA
<213> Homo sapiens
<223 > Genbank Accession No. W33167
<400> 3498
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ataatataat aattatctaa agcaaatatc atcattggct ctgaaatgcg tctaaagatg 120
tcattcttaa gtcaaaaaat acgtagaaga atgtacaaga aagaaaaaaa tataaaaaca 180
agtetgetga gtgtegggag ttggtgaggg atateetace atattgtgae ggageeaaat 240
agaaaacatg cagcaacagt tctcctgctt tatcagctcc ctqqaaaata aaccaqtaac 300
cctggtagtg cagtaaccat ttggttaaca ggacaaactt cctgatqqac acaqataqta 360
attractgca tttcccttct ctaacttctc tcttcacacc aattcctttt ctttccttta 420
agatgggttt ct
<210> 3499
<211> 414
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W35309
<400> 3499
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atcatectea tecteatete etteaettge egetteetge teaaeteeag ggtgaeagat 120
gctgccttca acttcctgct ggtctggtac tactgcaccc tgaccatccg ggagagcatc 180
ctcatcaaca acggctcccg gatcaaaggc tggtgggtgt tccatcacta cgtgtccacc 240
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ttcctgtcgg gagtcatgct gacgtggccc gacggtctca tgtaccagaa attccggaac 300
caatteetet eetttteeat gtaccagage ttegtgeagt tteteeagta etactaceag 360
ageggetgee tetacegeet geggegettg ggegaagegg cacaccatgg acet
<210> 3500
<211> 378
<212> DNA
<213> Homo sapiens
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<223> Genbank Accession No. W36290
<400> 3500
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aagtgtattt ttaagttccc atttgaaatt gctggcgctg ctggccggat gcatttttga 120
gtttgtatta gttgataaat taacagtaat aacaagattg tatgaaccgc atggtgcttg 180
caqttttaaa tattgtggat atttgtcctg catcagaaac gagctttggt ttttacagat 240
tcaactgtgt tgaaatcaaa cctgccgcaa cagaaattgt ttttatttca tgtaaaataa 300
qqqatcaatt tcaaaccctg cttatgatat gaaaatatta aaacctagtc tattgtagtt 360
ttattccaaa aaaaaaaa
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<210> 3501
<211> 514
<212> DNA
<213> Homo sapiens
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<223 > Genbank Accession No. W37382
<400> 3501
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gcagagattt caggaaagtc taatcacact tgaccatgag tgttgagttg cttttccttc 120
ctctgaggcc aagagttact tatatccaag accgtgaaga actctttttg acctgttgga 180
tatgatcttg tgactgggtc gaggaaaatg aactcccagg gttgttggag tagagctgtt 240
tccaccaaaa gacagaactg tatgcagcta ataagagctc cagcacagtg aagatgagca 300
tcaccactta ggacacctgt taaactgaca ctggtcaggg agacaatctt tgatttcata 360
tattcggata atagtactcc gaataaggca atgaggatag ataatccatt tctgagccac 420
aatgttgaga gggcagtcct caggggctac catgctgtca gcaaggagga agaggcctgg 480
ctcctggcgg ttaacaggaa ctccctqqca tttq
<210> 3502
<211> 376
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W37680
<220>
<221> unsure
<222> (1)..(376)
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<400> 3502
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gcccagggaa gccaaaagtt tggacacctg tgatttacag gttatgccta gatctgaaac 120
agatececat ecetectaaa getegeecae tggttatggg ecetgtttet ettagaaaca 180
ccacacacat catttgggaa aagcacactg agtagaaaca tggcctgaaa gggtggtggg 240
cggtggacct ggcttcctgt ggccagaggt cagcggacga tagaaatggt ctgatcggcc 300
acagcaaaga cttgggaaga ttgggccccg ggaaggacac attgattggg cacagagcac 360
tgtgccggac gngggc
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<211> 515
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W38407
<220>
<221> unsure
<222> (1)..(515)
<223> n = a or c or g or t
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tcctgggttc aggcaattct tgtgcctcag cttcccaaga agctgggatt acaggcacat 120
gctaacacgc ctgtatattt tttgtagaga cagagtttcg ccgttgncag gattgtcttq 180
aactcttggg ctcggtgatc tgcctacctc gacctcccaa agtgctggaa ttacaggtgt 240
gagccatcac gcccggccca cttgaatata tatatatagc caagaatagt tgggctatac 300
tttcatcttt ggcctagttc taagtaattg attggtttca ggatccaata aactctacag 360
gtaaatccac taaggtaatg gtctataccg gtggttcctg aacttgagtg tgcagcagaa 420
ttacctggaa ggcttcttaa aacacagatt tctgtcccca cctcccagga tttgattcag 480
gcgggctgct gtggagcctg agaatgtaca tttct
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<210> 3504
<211> 432
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W38778
<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t
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ccccatcttc tagcagctgg ctgtcccctc tgggagctct gcctatcaga accctacctt 120
aaggtgggtt tccttccgag aagagttctt gagcaagctc tcccaggagg gcccacctga 180
ctgctaatac acagccctcc ccaaggcccg tgtgtgcatg tgtctgtctt ttgtgagggt 240
tagacagcet cagggcacca tttttaatce cagaacacat ttcaaagage acqtatctaq 300
acctgctgga ctctgcaggg gggtgagggg gaacaagcga gacctttggg gtaatgantt 360
aacaccccat gctgggggat gcatggaagg tgaaaggggg ccagggaacc aqttqqaaqa 420
attttccaat cc
<210> 3505
<211> 436
<212> DNA
<213> Homo sapiens
<220>
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<400> 3505
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gaagaattgc agaccagttt ttgggggcca tgtatacgct gcctcgccaq qccacaccaq 120
gtgttcctgc acagcagtcc ccaagcatgt gagacagatg cattctaagg gaagaggccc 180
atgtgcctgt ttctgccatg taaggaaggc tcttctagca atactagatc ccactgagaa 240
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aatccaccct ggcatctggg ctcctgatca gctgatggag ctcctgattt gacaaaggag 300
 cttgcctcct ttgaatgacc tagagcacag ggaggaactt gtccattagt ttggaattgt 360
 gttcttcgta aagactgagg caagcaagtg ctgtggaaat aacatcatct ttagtccctt 420
 gggtgtgtgg ggtttg
 <210> 3506
 <211> 258
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. W42429
 <220>
 <221> unsure
 <222> (1)..(258)
 <223> n = a or c or g or t
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catggcccac gccgagggcc cagcccttag caaagctgcc acgctgccaa aaatggtggc 120
gcatnagctc aggcgcaggc tgaggctggg gcttggcggg cagtgcactt ggaacggggt 180
cctaaggcct ctgccaggtt ccagctgggg caggggtcac gtcgcttcct gagagcagan 240
caaataaata atggagag
<210> 3507
<211> 374
<212> DNA
<213> Homo sapiens
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<223> Genbank Accession No. W42483
<400> 3507
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atgaaggtga acatcatctc ccagaatatt cagcttttag cttgtttttt cttttggacc 180
agttcaacca gcaacttgta cctagcgata cagtcttcct tgctcttgga cgggacacat 240
ctggctattt tgtcccagcg gtcagaggat ccccttgggt actgctgcaa cgccagttcc 300
agaagtttct gttgattttg agtccacggc tcctctgcag accgagctct ctcttttctc 360
aggetetect egte
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<211> 369
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W42627
<220>
<221> unsure
<222> (1)..(369)
<223> n = a or c or g or t
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cgtcaccaga ggctgccgca gancaggcag ggccagccct gatagaggag tgcaggcaaa 120
ggcgggggct ctgaagtggc tnctnggagg cnnatggccc cgggctggga gtgctcagta 180
gccgtcgtta gcccaggtga cctcgtagtc ggggtacttg gctttgattt tctcagttga 240
aatggcgtgc tgggcaggac cataggccan tggaatagcc gtacacgtga atcttcttgt 300
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 <212> DNA
 <213> Homo sapiens
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 <223> Genbank Accession No. W42674
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 <221> unsure
 <222> (1)..(365)
 <223> n = a or c or g or t
 <400> 3509
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ataataggcc accaatcact aggagccaag cttcatcagc ttaagtccta ggtagcatgt 120
ctcaatgcat acatatttat atcgttatta accgtgtttc ttttctttt ttcgagacag 180
agtgtccagg ctggaggtga tctcggctta ccgcaacctc cgcctccggg ttcaagtgat 240
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ccaan
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<211> 383
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W42778
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aaagtttaca aactgcttag ttccaactaa gcataagagg tgagaacgta cactgcaggg 120
ccaccagcag cagctgtgca ctcgatcgtt aaaactggct cccccagact tgtagtgctg 180
tcttcagggg gctgcattcc ttacacgcca cctcttgtga cataggtcat tggtcaagcc 240
gctggaatgc tacagaggtt tttttggttt tgagaggctt ttttttgttt tgccttccta 300
ctataaaagc gaaattttca gttcatttct gaaaaataaa ttggtcaata aattcatttt 360
gttctgcttc tactttacac aaa
<210> 3511
<211> 257
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W42788
<400> 3511
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aatatatggt tagggatagc atttttagga gaacaagtga ccaaaaacta agttacctct 120
tttcaggtca gccaaaaaac gtgaagggaa agtggacttt atacaactta gacatttatg 180
tagatagcac agcagactca tgttcaagcc agccacctga aacattataa gtccgtcgag 240
ggggacagca atctatg
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<210> 3512
<211> 398
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. W42789
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taactgtatg aaatttaatt agattacgtt ttagcattag tcagaagatt taaaaaatat 180
gtaaaatgtt ttcacagtac tttggattta taaaagaccc cattatttta acttttgtgc 240
aacctgtttg aaatgtataa aaaacctttt acaaaccaaa aggtggcgta aggttttact 300
gagttgctga agacatctta ctttcttgaa tttctactta aacatccatg tggtgcactt 360
tttcaggcag tgtaataagt ggcaaataaa taatcaat
<210> 3513
<211> 409
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W42957
<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t
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gcaatactaa gtagatacac aagtcattat caaattaatt tccagatatc ccactaacca 120
tccatcgcaa gtccttgaaa agttatagaa ataatatgat gagattgtcg tgatgtagaa 180
tgagcaaccc aaacagctat gaagtatttg tagttgcaca tgcctttcac gaaagaaaat 240
aaaaatgtaa tcaaaatgtg catatggcat gcaaatttga gtttattttt aaatagtggc 300
aatgaaatac accttgttcc taaaaaagga aattctgaca tttaaatgaa atttgaaaac 360
caaatnagta agaaatggaa agagatagtt gtaagaatcc atttaccat
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<210> 3514
<211> 435
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W42996
<220>
<221> unsure
<222> (1)..(435)
<223> n = a or c or g or t
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ttgaaaataa atttaaataa ataaacagaa gtgggatctt gctatgctga ccagcctggt 120
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gcgtgactgc cacacccagt ctgtgcaaag tcctcttggt ccctgcccct gggncccttc 240
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aaagngttca catggtccat cgaggtccaa ggagcccagg gacagcctag acactgtgga 360
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<212> DNA
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<213> Homo sapiens
 <220>
 <223> Genbank Accession No. W44557
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 <211> 469
 <212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W44733
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acaagtaaaa ataaatacgt catagaaaca gccagttgcc cagtctctgg ggcaggagcg 180
cctgcctgct gagaggaggg aagcccatga tcacaccagc agctggatca cccagccaca 240
gatgeteete gaageeagge acaggteeca ggeeteaggg gegteetgag gaaagaagae 300
ggaaaaccaa agccaggtgc caggaccctg gggccacctc attatccccc actcctcctg 360
gcagcagtct ggtcttagtg gttatccata gcgacccccc ttaacccacc tggaccctct 420
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<211> 459
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W44745
<220>
<221> unsure
<222> (1)..(459)
\langle 223 \rangle n = a or c or q or t
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atgatecatt cacatgetet ggeecegtge ecetegteet eceaeceeta ececaeagga 180
caccattaag ccagggctgg gtaacaacat atgctcaatg catcttctca ggtgagaacc 240
aaactcgagc cacaacagca aagggggaaa aaggtagcaa agtaattatg tgctcccaag 300
gcagtcattt agttgaatcc ataactggaa ataaaaaggc atttatgaag tgtagtcccg 360
ccagtctgga atgttggaag gtgggaagat cacacattta ctaaggaaac actccaaaca 420
tantttgggt cagaattcnt aaaaaatccc ggaattttc
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<212> DNA
<213> Homo sapiens
<220>
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aaaattacca aactatattt tgaatttgca aaacatactc acagatacca tcatctgagc 180
ttttatgagg acataagaaa ggaccagcac agagaagaca actaacttcg gcacgctttg 240
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gtcctgatga ttaaaaacta acgcaaccgc agtaagtcac tttggcacac tgtgtcatgt 360
aaacataget cacegeaaag gaceeeteee egggeeeace eetgetettg aegeeeggae 420
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<211> 460
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W45259
<400> 3519
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tcatagtctt acttgcagag ggcatagtgc tgatgggaca agtgacatgg gtatgagccc 180
catgtaaact aaaacataat tacctttcct ttaggtgttg gctacagtta tcccaaactt 240
ggacttgagg tcttgtatat gcatgccatt ggtcacatac catcagaata gaattctcaa 300
aaactcttta gtaaataaga taaacatcct acttataaca gctcattatg gattttattt 360
ttattgtctg gctctttcag accccagcaa ctgcaattct gacttaataa tcaattgttt 420
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<210> 3520
<211> 309
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W45320
<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t
<400> 3520
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nccaccaggg agtnggagtc aggccaccag gggagtnggg atggngtgac aggacagaga 120
acagagecag getgggeteg gecatggggg etecagetea ggggeeatea ecagggeeae 180
cagacagete etgggaacte aggecageae caggeagget categgeggg ggetecacea 240
gcacatgcag agaacttggt ntcacccgaa gcctccgttc atgcgcgtct cgaagaagcg 300
ctgcaggcc
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<210> 3521
<211> 232
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W45487
<220>
<221> unsure
<222> (1)..(232)
<223> n = a or c or g or t
<400> 3521
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gccacccatc agggaggcat gggcgggant gagaggccc caagaccccc cqccaccacc 180
acccacatag cccaagccca gccaccctgg gggacccagg ntgtttttt tt
<210> 3522
<211> 408
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W45560
<400> 3522
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qcaatatata tatatattg caagtccaca ggcttcagag aaaaaaaggt tctgtatgtg 120
aaattattca tatggcactg tgttcatgtt ttgtatattc aagtacaaaa gaaactatgt 180
atagtggtta tgcgtgggta cagaagatga ataataatga aaaactgtga ttttttqact 240
atcacataca ttgtgttaaa aaacaggtaa atataatgac tattactgtt aagaaagaca 300
aggaggaaaa ctgtttcaat gttcaggttt aaatactaag cacaaaaata taacaaattc 360
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<211> 493
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W46286
<220>
<221> unsure
<222> (1)..(493)
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gctgggatta caggcatgca ccatgccngg tgctacaaat tttttttaa aaaagctcgg 180
aaacacaacg ggcttgcatc gtgttggcag caggtgcctc ttagctggtg ctggacaqaa 240
ggggcttgca gtatttgcac tgaatccaaa cccggtacat tgtcagttgc ttccctcqqt 300
tcacctgcag tcggcggtcc accaggttct gaactttttc cagtccagca gtggtqaaaa 360
gcgtgtccag ttcctcttgt gtgaagaagt aaactctggg ttccatcacc tctcacataq 420
aaatttccag atagacactg acctttttta aaccgnagct gagccatgtt aaaagcgggc 480
cggaatctcc gca
<210> 3524
<211> 445
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W46391
<400> 3524
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ctcataataa acctcctgtc tacattgtgt tccaatgaaa actttagtca tattttacat 120
ttattattaa tataacatgo tatgtaaatg tacaqqaqco tqacaaatga caatctactt 180
acataattta aataacacaa gtgcttgctg cagtctttat tagtacacaq ctttqttatq 240
gcttcttaga aataatttta aaaagtgcat gattcttgtg ggctactctg tttaqqaaaq 300
attacagata acacatttct aagaatgaat tagtcagctg tatatgggtt cagattagaa 360
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aatattaaat aaatacaggg aaaaatattt ttaattagct taatttatat atgaaaatat 420
tttatttaat ttgtttttga gacag
<210> 3525
<211> 445
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W46404
<400> 3525
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ctctaaacaa gcatcaaaac ccgaagctca ttaacatcag agtgagcttc aataaggtga 120
acactacaat gatgtacaat tacatcctaa taattcaatg cccaagagcc ctgtagaact 180
attgcaaggc ccaggattat cacagtatgc aaatgcacta ggaaaatcat tacctattta 240
gtccccttta ttttggtggg tttaacatga gaagaataat ccatgctaca agacgagatt 300
tcattttaca gctgtagtaa ccaagtgcat aaaagcttga atctgtccca atagcttcta 360
aaaaaattttt cccatagtgt cagaggcaaa aataatgaaa tcttgcaaat gtacagttaa 420
taggacccta gtgggacact aactt
<210> 3526
<211> 442
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W46451
<220>
<221> unsure
<222> (1)..(442)
<223> n = a or c or q or t
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ataatctgtc agtatgaaac atccccacag gtacattcat caaagaggaa tttgtcaccc 180
aaggccatgt gcttttcagt ggaaaggaag gagggaaacc tctaaggccg cacggtgggc 240
ccacggagct agcacgtggn cgggactgaa ggctggatgc cggcnattga ggtggggaac 300
tagagatgac totaaggcag gaacatottg taccatotng cagggaaatg ctacctcccc 360
gggtgccaga gctccaaccc cacacactat gtctactctg qaqaqccqqc aaqnaqnaqc 420
tgggaactgg ctgggtcagg gt
<210> 3527
<211> 364
<212> DNA
<213> Homo sapiens
<220×
<223> Genbank Accession No. W46634
<400> 3527
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tttgggggca tctgtggctg cccacacttt ccaagacaga caagggcaaa ctctccaagc 120
agaggagaaa acaacttcca gaagctgccc cttcaaaggc ctgagqtqaq qacctqqqqc 180
agcaggcagc ttggcatgca ggggttaacc agaaaggccg ggtctggagg gctgggcaca 240
cctaaccctc atctcctggt gactgcaggt cccactccct tcttcaggag tgccatgcag 300
actcttggaa caatctaaca ggccaagtgt ctcccagggt gggttaggga ggaggctgaa 360
caca
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<210> 3528
<211> 437
<212> DNA
<213> Homo sapiens
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<223> Genbank Accession No. W46810
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<221> unsure
<222> (1)..(437)
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tgcggnnnng anggagagga agggggagcc ccgaaaccgc ctaggaacgc tcagcccctg 180
ggtccgtgca gggcgggaga gccgggcctc agcgcatccg gtagtcggtg gagcaggacc 240
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ttggcgttgg gccgcattgc cgatggtgcc gaagatctcc tcgcccgtct tcacggtcag 360
gtaagteete catgtagaac accgtettge ttecagtgeg tgtacgggga eteggggetg 420
ggtggaagaa gncggta
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<210> 3529
<211> 331
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W46846
<400> 3529
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aagacaaaat actaaaaact acagcatata acttttcaat atttaaccag agtactcgta 120
ataaatatgc atccggaaac aagataaaag gctacacctc gtcaggcatc ctacaaaaat 180
gtctcaagtt ttatatactc tgcagcattt ctgtgcgggg gcagaagggg ctgttgtgta 240
ttttctgaag tgctgtgaca aaaggtcctt tcacatttct ttggagcatt tttgaaattg 300
cttaactata attaaacaac ttaagaaaag t
                                                                   331
<210> 3530
<211> 430
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W46947
<400> 3530
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taqaqcccaq ccccaqqcaq aatccqqcat atccttctcc qcctqqqqqq cccqqqacac 120
aggagtttca gaaaaggcac tggcaaaagt tctagggcgg gggtcaggga gaagccacac 180
tgagcctgga gggaccgggc cctccttcgg cggcagaaaa cacagtcacc tttggcaggg 240
aagggttttt tcctagaaag aaatttaaga caagataaaa acctgagatg ttagaggagc 300
ccccagaacc aagccggtgc tcccctgggc aggcagagag tgaactcggc ttccaaaggc 360
tcaggggagg cttgcccggc cctcagccag gctcagatgc cacaggcctt ggcaagcaga 420
aaqcctaatt
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<210> 3531
<211> 465
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. W47175
<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t
<400> 3531
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ggcagctttg taagcacttt ctgttcgagg aactttgtta agcagctgag gggaatctga 120
cccagctcct gtgttgtctg gtgtagacag ggcaccagac tgggagtcaa gtggcctggg 180
tgcttcttca ctgccaccag cacttcctaa taatggcaaa tttacatttt gttacggtgc 240
tcacaqctta caaaacacat acatgtgcat catcacagtt tgttcacctg taagatgaaa 300
gggttggatt ctttgttttc tgtggtcttt tccagttcta gtgccttgct agtctgatag 360
tgtgaattat tttttattac agctggcgct gctgctgcat cagggccatc ctttctgcaa 420
gacacaatga ccacagcaaa gagcgggaaa gataactttc cacgn
<210> 3532
<211> 365
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W47206
<400> 3532
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agtggctaca tctaaaactt tgagcatttt tttatggcgc aaagagacag aaaggttaat 120
gacacactta actgttacag tgactttggg tagggcccta aagacagcac acgctccaga 180
gggcgggctg agtgttgttc acacttgggt cctgaatcgc tgttgtaagg tacagagaca 240
cactttaact ggggaatggg gtccccacac agtgatcgcc ccacgggagg gtgacagaat 300
atgccaggaa ttgtcttgga catgggcccc agtcaccaca atcagatggc ttatttcctc 360
gtgcc
<210> 3533
<211> 466
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W47388
<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t
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gtgaggtttg tacccaggca tactctgagg agggcccaaa ggcacgccca tctgggaggg 120
acaggcccgg agatggagac ctcgcagcat gtgcaccctg cgcagacatt tacagacacg 180
caactcagtc tttctcactt ggacaacctg ttgtgcaaaa acactaggaa tcttgaagtg 240
agggagetet gtecacaget eeegtaatgg cagggaggag ageagageee aatgaacett 300
gagtgaaatt aagtgctaat aaccacataa ttaaattgtg cagatcagca gtcctagtct 360
ggaatttaaa cactgtcaac ggggcatatt ggggaaagat atttatatat atatacatta 420
cacacaca cacacaca cacacaca cacacaaaca cattna
                                                                  466
<210> 3534
<211> 422
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<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W48860
<220>
<221> unsure
<222> (1)..(422)
\langle 223 \rangle n = a or c or q or t
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tttggagata agtgcaccag agttaaatta aatcatttaa tttccaggag tgataggcat 120
agggacacat tactcaaatg gatctggaat cccatttttt tccaagaaat ctttcttgat 180
tcattggatg agtggctata atggacatat cttcctatta attgccaaca gcaccccag 240
ctcccaaatt cattcttttg tctatgtgta gaggtaacag cccttatcag atgttacatt 300
tgtttaattc ggtgactgtg tggctgtgat ttaatctaag tttccaggga gctatgggtt 360
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<210> 3535
<211> 443
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W49574
<220>
<221> unsure
<222> (1)..(443)
<223> n = a or c or g or t
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atcttcttta ccaaccagaa gtttcttggg gcatgtgatg gtaggccaga ccctttccaa 180
gggaataata ctacactaag cctacactgt actgtgagag tcatggtgga acaaggccac 240
aggangtggg acggaaatgt gatgactcac tgtgtcagaa ttctaaggcc cagcatgatc 300
aggatgtaag gctccataat tttctaaacc agaaattatg agaagaacaa aattctggca 360
atcacttatq ttttttttt ctttttttt tttgagacag agtttcactc ttgttgccca 420
ggctggagtg cagtggcaca atc
<210> 3536
<211> 386
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W49661
<400> 3536
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atqaqtqcac aqcattttca tgaactacct cagggctaca tcagtacaaa atagtttaaa 120
ttagtaaaat aaagtagttt caaagggaaa tcattcgacg acttcaggat aagtgccacc 180
accatttggg aacagaggat agaaggtagc catgtggtta ttccatgatg caggaatcag 240
gtoggcaggt ggactgtcat tgctgtcttg cggcactggc ctctgccttc agggtaccac 300
cgtctccagg acacaaatgg gcagcagaaa aatgtcacct tgttgatact cagcagctca 360
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```

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<211> 469
<212> DNA
<213> Homo sapiens
<220>
<223 > Genbank Accession No. W49743
<400> 3537
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cgggagagga ggtttttacc agctatattg atctcctgta cccaacqqaa qataqaaatq 120
accggttaag agattettat ttetttaeet gtgagtgeea ggagtgtaee accaaggaea 180
aggataaggc caaggtggaa atccggaagc tcagcgatcc cccaaaggca gaagccatcc 240
gagacatggt cagatatgca cgcaacgtca ttgaagagtt ccggacggcc aagcactata 300
aatcccctac gtgagctgct ggagatctgc gagctcagcc aggagaagat gagctctgtg 360
tttgaggaca gtaacgtgta catgttgcac atgatgtacc aggccatggg tgtctgcttg 420
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<210> 3538
<211> 404
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W49791
<400> 3538
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accacccacc catccagect gttgtgagtt gggtgaggge tgececcagt etcegteetg 120
eggetetegg gtgecatect gtteettteg ageteagtea geeteetggg etegtetete 180
tgtgaatctc cttcttgcgt attcatatag tgcttgcttg cgctcctgca ggctctcctg 240
ccgggcccag gaagacttgg caaatgttag ggctgttggc tgaggggtca ccgggccaga 300
gctgggaaac ttggaggcag aggctgtggg tagggactga gttcccttgg tgatgtcttc 360
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<210> 3539
<211> 541
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W51951
<220>
<221> unsure
<222> (1)..(541)
<223> n = a or c or g or t
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aagacgataa teecaatett etggagattg aatgagatgt aacteactga agettttgae 180
teggtetget gttaattgaa teaaagteaa tgacaatett getgeactte ggtatgaatt 240
teeggaatgt cacceeggee atattaaaca ggaqeetege ageagttgee tegteactat 300
catggtattt atcagacatn aaaatcactt cttttatacc tgcctggatg atgagcttag 360
cgcattcatt tacaagggaa caaggcgaca tacatactac agcctttcac atcggtcgaa 420
tttttggttc atgatggcat tcagctccgc atngcacacg tacgggnant tggtgtccag 480
cttaatctct gcngtccttc tccaaggnac acgtcatcaa tggacccatt ggnatccatt 540
                                                                   541
<210> 3540
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<211> 361
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W52581
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ctagtgcata cttattggtt tagtcctatt atcaggatat aatcatctgt gaggaggata 180
ttttaaatac tgtaaatgat aacagttaat gatatacaca tttagactga gttgcacact 240
ggcagggaga ccaaaaacat tacttccata cttgtgtcat gattctttt tttttgagag 300
agtoteacte tgtegeeagg etgggagtae agtggeatga teteggetea etgeaacete 360
<210> 3541
<211> 564
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W52821
<220>
<221> unsure
<222> (1)..(564)
<223> n = a or c or g or t
<400> 3541
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gtacagctgc agcattcctg aaagaattcg taactcatcc taagtgggca catttaqaca 120
tagcaggcgt gatgaccaac aaagatgaag ttccctatct acggaaaggc atgactggga 180
ggcccacaag gactctcatt gagttcttac ttcgtttcag tcaagacaat gcttagttca 240
gatactcaaa aatgtcttca ctctgtctta aattggacag ttgaacttaa aaggtttttg 300
aataaatgga tgaaaatctt ttaacggaga caaaggatgg tatttaaaaa tgtagaacac 360
aatngaaatt tgtatgcctt gattttttt tcatttcaca caaagattta taaaggtaaa 420
gttaatatct tacttgataa ggatttttaa gatactctat aaatggntta aaatttttag 480
aacttcctaa tcacttttca gagtatatgg ttttccattg agaagccaaa ntggtacnca 540
gattggtgag ccagggaanc atgg
<210> 3542
<211> 511
<212> DNA
<213> Homo sapiens
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<400> 3542
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aggcatttag ttaagtatag caattcaaac tgacctgcat ccatccaaaa caaattcctc 120
cttcaacctt atttttactt gaaatttgct agaagaaata gcaaacccga aatttgtttt 180
atgcatgagt taataccact ggctcagcaa atacaagtta gtttgcttta agcaggtaac 240
tttttttgta atggaacgaa atgcactaca aagttaagac agatttttgc taagtgcagg 300
aggcccttta ttattgctgc agaaaacaaa agcctggctg agttgatgtt ttacattctc 360
ccttactgaa atctacatga catgatgctt cttgctgggt ttttgtacat ggtaaacatt 420
ggtcaagctg tgaaagaaaa tgggctggag gtgtgctttg gtgtggaaag ggtgagcaat 480
aaaggtatcc ggttaagttc cccaaaaaaa a
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<210> 3543

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<211> 577
<212> DNA
<213> Homo sapiens
<220>
<223 > Genbank Accession No. W55903
<220>
<221> unsure
<222> (1)..(577)
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acgtgatgga ttatcttgtt aacaacacgc ccctcaactg gctggtaggt cccttttatc 120
ctcagctgac tgagtctcag aatgctcagg accaaggtgc agagatggac aagagcagcc 180
aggagaccca gcgatctgag cataaaactc attaaacctg cccctatcac tagtgcatgc 240
tgtggccaga cagatgacac cttttgttat gttgaaatta acttgctagg caaccctaaa 300
ttgggaagca agtagctagt ataaaggccc tcaattgtag ttgtttccag ctgaattaag 360
agctttaaag tttctggcat tagcagatga tttctgttca cctggtaaga aaagaatgat 420
aggettgtea gageetatag eeagaaetea gaaaaaatte aaatgeaett atgtteteat 480
tctatggcca ttgtgttgcc tctggtactg ttgtaatgaa taaaaacatc ttcatgtggg 540
ctgggggtag aaactgggtg tctgcnctgg tgtgatc
<210> 3544
<211> 400
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W56642
<400> 3544
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gctaacaact ccaaccctct atattgtgtt tcttttgctc ctggagtcct cttgcagctt 120
taattettga aacteaggeg geaaceagae attaaateee caaaggagag gtattagtaa 180
accttttgct ggtcattctt ttccgaatgc aaatggacaa attcttaagc cctcttattc 240
atttcatgat gatcattaga taaaaaaatt aagcctaact tgcatattga aaataaaaac 300
aaaaacacac acaaaaaaac cttgcagata ataaatatcg cttattcact tattttaaac 360
aaagtccaat tttattcact ctcaatatcc ttqcaqtcca
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<210> 3545
<211> 251
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W57821
<400> 3545
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ccacccacct cagccttcca aagtgctggg attacagatg tgagccacca cctacagcct 120
ggccaagaac ccttttctct cccacattcc cctgggagca gaggataggc ctgatgattg 180
ttttaaacag tagaaagggt tcagctaaga actacagtcc actctcagcc ctgtcatgta 240
ctataggaca a
<210> 3546
<211> 426
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. W57931
<220>
<221> unsure
<222> (1)..(426)
<223> n = a or c or g or t
<400> 3546
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gtgaagcccc tttggttnta agagcatttt cctgcttcct ttgttcttcc tgcaacttct 120
gctgcctgag ctgccatgct tgtaatccag cgtccatttc ctgtgacagc agtacaactc 180
gtcttgcaaa cgtctccctt tcagcttttc ttcgaagctg gcctttcatt gggggagcag 240
ggcggccatc cgattatgac cagtctggga gctcggtaag gggcccgtaa gccgganggg 300
ttggcagcca agtccctgct gtantcgcca ctggccgccc gcccaagcgg ttacnttqca 360
gtgcaccctt ccggacacct gtgaagagaa cagtccctaa agcagccatg tgagcagcct 420
cgtgcc
<210> 3547
<211> 469
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W58081
<400> 3547
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ctatgtcctt ttggccataa ttacacacac aataatggca agctagatta ggagtctagc 120
tcagggtcaa gtttttccac tttaatgact atctctggag ctaaagcggc agacccagct 180
tgttggttct ctgcctctga ctccgacaac acttcttcct ttatttttac aggcttatta 240
ctggcctcct cctcttcatc tgaagactca tcgagctccc attcatcatc taatgtccat 300
ttcaaatact ctcacatgac cgaagatttg aagcttaaca cacaggacac ttttcgaaaa 360
ccattcccag caacatactg tgctttcata ctttccagta atctccagtg gcttctcaaa 420
atgcatgggt aacgggtggg aatagcacta cactggttca tctaggcct
<210> 3548
<211> 470
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W58247
<400> 3548
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ctccaggtcc agactactac tctatgttct ccagaagggt gctaagtcac ctactgaaga 120
gagaaccaac tgactttcct attgactcat caggaaccag tcctcagtct ggtcaagttg 180
tttcttattt gtgagcagtt caggctatct cctgatgggg atgaggccaa ggctttctta 240
tcttttggtt gtctctgctt aatggaggag cctggcctag gatggaggcc tggcttagat 300
ctttcattcc acctcaggaa tgaggttgtg atctttcctg tcctgaccct ctctgaatta 360
tgtttcaata gtactcttga ttgtctgcca tgttgttgaa gcaaatgaat tatttttaaa 420
tgttaagtaa gtaaataaac cttagcccgt caaaaaaaaa aaaaaaaaa
<210> 3549
<211> 357
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W58520
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<220>
 <221> unsure
 <222> (1)..(348)
 <223> n = a or c or g or t
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ttgcacctca tgtccactca gtaacaagta ttgggacgta gagcacagcc tcactcagct 180
 ctgaaaggta atacagcttg tgaggaagtg agccagcagt ggcctttgca attgtggatc 240
ttgagctctg ctctcagcag atttcaggtg taaccatttg ttaactgtac tgaaggtgtg 300
tcctcaagaa gaaagtgttc aaatttaaaa aagctgctng ccaagtaaaa aaaaaaa
<210> 3550
<211> 494
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W58540
<220>
<221> unsure
<222> (1)..(494)
<223> n = a or c or g or t
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ggaataaggt ggtcccactt gactgttcca aagagcagct tctcagatct tcagtgttca 180
ctggtaaatt tctaacagtg tatttgtgta aagtttgtca tttcatactc catacactac 240
agttgctgtc actgatccct gttttgctgg cttttaagct acttggtcaa aaatcctgct 300
teettaaaae atagagaatt aatgageate teaagetttt tetttteett tttaatgatg 360
cctgcactat caagagtatt ctagtgttct ctctttgttt ggcatataat catgcaccaa 420
actttttatt tctttaaggt gggagtatat ttttaattcc caaatgccat actatgaaga 480
tcaaagtctt aagn
<210> 3551
<211> 525
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W58756
<220>
<221> unsure
<222> (1)..(525)
<223> n = a or c or g or t
<400> 3551
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aaatttacag agcaaaaaag tgatttgcag ctggttcctc cagggaattg gccccgaagc 120
tggctcagtt cacctccagg acctcagtct ccgggaggcc gaacttggtc ttgtgcttgt 180
cgaagagctt caccagggcc tccatgtaca tggtgtggta caggtcgatg tcttgctggg 240
ttgggtgctc cagcttgggg atggtgatgg gctctcccac aacagtgggt gatgggcttg 300
gagtagggca ccagccccca aggtgtcgga ggaagaagag gcctcgacca tggaagatgc 360
atggggcgaa accaatgtat ttctnggaac ttcttctggg acccatcggc cccaggagcc 420
ctcctcgaag atcacctgct ttgtacactt tcattctctc ccaaaggggg tagatgggaa 480
ccaggtcagc tcccatgacg cagggcccag ttttnaaaaa aagcc
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<210> 3552
<211> 459
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W60002
<400> 3552
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ttcagagtta gagtaacata ataccttgga aactatagca aacagcttga caaagcaaga 120
gtacattaat teetacatat ataettttat ttttagtgae cacatttett tgttteaggt 180
gtaaaattaa aaaatatatt gtacacttag catacttggc ctaccaaatc ccgtctaagt 240
tctgagcaca ctctctcctc aaaagtatca tattcaacag cattttaaat ttagagagag 300
agtttgatga tacaggtttt aaaacaaata agcatgtatt gaaccaagtg atttaagaca 360
aaatatttca attgtttaca gcttgggtat gagagggaag atgcaaattt aaggtacatt 420
tttcctctag ctacgatggt atgttttact tacctggat
<210> 3553
<211> 428
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W60097
<400> 3553
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tgccagcatc taaaactaat acaataagca attactgaac ttttacagtg actcgaggtt 120
caatgattac attcagcaat tccattcttt atttactcga agaatactgc tggctgataa 180
aaccgaatgt taagtcactg acagaaataa ccatgtttga ggactgtaaa tataccagac 240
aatcactgaa aatcaaacac aacaaaacac ataacaaaac tcaagagaaa ctttgtggat 300
gtggacactt cctatcagtg ttcagaagtg tttcattaat atcttaagac aagtatatca 360
aaaccttggc atgttttagt ttcaagttga caattttgtc ttaaattttg gtcagaaaat 420
tacagcta
                                                                   428
<210> 3554
<211> 98
<212> DNA
<213> Homo sapiens
<2205
<223> Genbank Accession No. W60186
<400> 3554
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cgttctctat gcggtttggc ggggcgggta tttacaag
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<211> 431
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W60486
<400> 3555
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catctacaat tcagttatat ccaaacactc taagaccaaa cagaagcagg gatgacaatg 120
agacactgaa gacacacgaa ggtgaatgct gaagaccatc agagtcccag caggaggtca 180
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egtettteat teagaegete caatgetttt cattteagtt tgttaaagaa egtgttttae 240
aggaagttet ttacagtaat tteatgeeag acaceaggtt tettegatgg tacacagete 300
catgaaattt gtgtttccat ccagttgaca ggaataaaaa ggaattttta tttttgtctt 360
tttttgggcc gtagagacgt aaaatggtca gattccttta ggaataaatg aggaaaagga 420
gaggaaagag a
<210> 3556
<211> 439
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W60968
<220>
<221> unsure
<222> (1)..(439)
<223> n = a or c or g or t
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aaccccgaag ccacaaataa ccttaggatt ctctcagctt taatggcagt agagtccagc 120
ttcttaatct tttgcacaaa atacactcaa ggaggagcta tccataagac taatagaaga 180
cttttgtctc cctgacccag ctcctctaat ttcatatggg aaacacctaa cagccataaa 240
gtgatgatct gggagtcctc attagagatg ggctggacat gtcagaaagc tgaagaaaga 300
aatcaaccta tttcgtgaac cttaccatct aaaattgtta gtctgtgtct tctaaataaa 360
cagagacett tttetettgg gttgageent teeceettee ntttggattt tateteeace 420
acttttatgg aggctcctt
<210> 3557
<211> .607
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W61000
<400> 3557
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atttaaaaag aaaatatcct ggaaacaaac acttacacac tgagcaacac aaccaaagaa 120
ggcactacca gcagttactc ccacctctgg gagggaacag gtactcgata ctatactttt 180
ttcagaggtt tagacctcag cataggcctt gggtctaact gtgctttagt aaagtctgaa 240
tagagggagg ttctcagcag cattcacagc ggttgcagca ggagccatgc cttctattaa 420
tgttagagac atgcaggacg aggaaaatga ctctccacct gctcccttta atatacagca 480
gggagagagt tctaaaggga gggaagtgat aaggtgagca tgagatggta accagggttt 540
tgtggttaaa aaatctagag tgcgagctgt gtgccttgaa ccctggagct atgccagtca 600
tcgcgag
<210> 3558
<211> 321
<212> DNA
<213> Homo sapiens
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<223> Genbank Accession No. W61319
<400> 3558
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aaggccaggg cgtcgagaaa aggtgactct cctgaggcca aacctttgca tctcagaagc 120
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cctggctgga gaccttagga gtcagttctg ggagggacct ggggatacag aggggtctct 180
 cctgaccctg ggatctttgg gcttttgcca ggattgggga aatgatctgg ggggcaggga 240
gccttgaatc cacagccttc atttcaataa cgaccattta atttgttcct tggcagactg 300
 aagaacctgg gccacactct g
 <210> 3559
 <211> 458
 <212> DNA
 <213> Homo sapiens
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<223> Genbank Accession No. W61377
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 <221> unsure
<222> (1)..(458)
<223> n = a or c or g or t
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ctcaacaagt ttgtggcaga actggattag aactgcacag aaaacagcca agctgggatt 180
tgaacccatg tagtccaact ccaaggcctc tgcccctaac cactgtgcca taccacctcc 240
caataatcaa cagcaaaatt ataggtctaa caatgtttta tagacacccc tccatttatg 300
tgatgggttt gcatcctgat aaacccatca taagttgaaa atatgatcat aagttgaaaa 360
tatgatcata agtcaaaaat gtatttaata tacctaacct accaaacatc atagcttagc 420
ctagcctgcc ttaaacatgc tcagaacact tacattag
<210> 3560
<211> 436
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W61378
<400> 3560
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aatatagatt ttgtgttgga tagttttgcc cactgtaggc taatgtaagt gttctgagca 120
tgtttaaggc aggctaggct aagctatgat gtttggtagg ttaggtatat taaatacatt 180
tttgacttat gatcatattt tcaacttatg atcatattt caacttatga tcgggtttat 240
caggatgcaa acccatcaca taaatggagg ggtgtctata aaacattgtt agacctataa 300
ttttgctgtt gattattcgg gaggtggtat ggcacagtgg ttaggggcag aggccttgga 360
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ctgccacaac ctggtt
<210> 3561
<211> 327
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W63608
<220>
<221> unsure
<222> (1)..(327)
<223> n = a or c or g or t
<400> 3561
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agtcatgtct gttgaggggc agtgctgagt catccctgct gagtctgctg agtcatccct 120
gttgagggc aatgctgagt catccctgct gagccatccc tgctgagggg cagtgctgag 180
teatetetge agagteatge etgttgaggg geggtgetga gteatecetg etgagteate 240
cctgctgagg ggcagtgctg agtcatccct gctgagggga agtgctgagt natccntgca 300
gtnatccctg tttgaggggc aattgct
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<211> 444
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W63728
<220>
<221> unsure
<222> (1)..(444)
<223> n = a or c or g or t
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gggcaagtaa gtgtccagat gggaccccgc agctctgtct ccactcagca gtgtccgcac 120
gccccaggcc agcaggcgnc ccctcctcgg gcaacactgg tcttcctgag ggcagcccgt 180
gctggggtcc cacgcttcgt ccatagtgct tgtggggtct ctagaactca gtcatcttct 240
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ccagctggcg ctgggctcct gccagcttct cctgcagctg ggctgacgcc acgctatqcc 360
ggccagcgtt gcgngcgaga ctcctggatg ctcctgatgt cccgctgggt tcgctcgatc 420
ttctcctcag tctggaagag ccgc
<210> 3563
<211> 519
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W63741
<220>
<221> unsure
<222> (1)..(519)
<223> n = a or c or g or t
<400> 3563
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tcactttttt taaaataaaa ataggacaaa ttattcaatt acttgtctca atttaacaat 180
cttgaaaaag actggaaggt accctacagt gttcagttga cataaaaata gacccgtatt 240
gatcatacaa atctatcatg agaagttacc cagtgagagt gagttattgt aattctgaat 300
gtactcatcg tgtttctcac ttctacagaa gcatcctcag tgagttgtat tgtgcgagaa 360
aatgacaccc ttgcccacat cactctccat tccatagagg gacacaaccc tatctagcca 420
aacccagaag aacgcaggcg cttacacaac ttttctcgga cagtcgagaa aatccaaaag 480
tgggctttgg gcttacttaa ataggaatgg anctcgtgc
<210> 3564
<211> 495
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W63785
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<220>
<221> unsure
<222> (1)..(495)
<223> n = a or c or g or t
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tctatgttag aaatatttat taaatgccta ccatactagg catggaatga ggtacaaaga 180
tgaaacaatc cctttaatta ggggtagaaa gacaaaagca taaatttcat aacagagcta 240
tacaaaatct gtagcgagag taatcacaac taccagaaag tctgagaact acctcaaaat 300
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aaataaaaag atactccaga cattcctggg aaagagaaca gcatacataa aggcaaagaa 420
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<210> 3565
<211> 422
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W67147
<400> 3565
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ttgtttcagg attagacaca gaacccattc ttcaaggact cggcaaaagt tctagaaaca 180
aacaccatgg tggtggaagc ggttgcgttg cttcagtgat cacctagatt tggtgtcttt 240
ggtttcagtg ttctggttac tgaaggaatc ccggatcttt acaacttcag ctgcacacaa 300
atgtccaaaa gattttgtgt accattctgg catgtggccc cttaaagtca actctgcaca 360
tgtaggtgag tttggatttt cctggcccac agggttcaat caaatacctg ggacaaagag 420
<210> 3566
<211> 455
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W67199
<220>
<221> unsure
<222> (1)..(455)
<223> n = a or c or g or t
<400> 3566
tgcattgaca tttttttata tttggtattt gtaagtcttt aaaaaaatgt tttcaggcca 60
ttttttcctt aaaaaaaaaa aaaagcaacc aacagcaata ctctgtacaa gtataacaaa 120
cattagaaat atgcatcatt ccaaaatagt tacaggaaaa ttacagttta qaqtccacat 180
caacacatcc tatttgtatg tgcccccaag ggagaaaaag ctacagtatg ttaaacacac 240
agctgctaca cagtagtctg aaaacccagg acttaaaact tttgaggcaa atcaacaaca 300
gtcaccaaga cttgtttang ctcaataagt acaatcaagc atttcaaaag agaaccaggc 360
tttttcatcc cagatgaaaa acacacgtga tgggctgcat agctgacccc cgcccctcga 420
tccccaaccc ccgggagcct ctgactcaac agang
<210> 3567
<211> 406
<212> DNA
<213> Homo sapiens
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<211> 473

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<220>
<223> Genbank Accession No. W67251
<400> 3567
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ctctaattca ccatattaca caaqqqctqc atacaqqcaa qacaaaqtat atqqaaaaca 120
tttacttctq tctttqqtat taqaactcta cacaaatctq caqcatttaa attttccaaa 180
acaaaqtatt aaacqtqqac aaaqatgtaa ttggtaatgt cacaaaaagg ggctccaata 240
tectetgeta qqaaaceece aqqeecatqa aatqeaacaq qaaqactaaa caccatttat 300
aaggagaggg totattgact aaaataaaca atacatgota caataccato cacaggagtg 360
tttctgcttg tgtgaggctg ctccctccat aacaaagttc ggctga
<210> 3568
<211> 413
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W67564
<220>
<221> unsure
<222> (1)..(413)
\langle 223 \rangle n = a or c or g or t
<400> 3568
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ggacttctgg tccaataagc agcctaagct ttcattctca tcccaagaag ggacaggagt 120
cttggcccag aggctgtggg gaccaccaaa agcctcccag gcagctggaa cactgtgtcc 180
aaaccaagga agtccaatgt ggggtgtggc tgagtgaaga gctgttccta aggagccaag 240
tgctgtctat acaggcttgc ccctccagga gcattgggtc acctctgggg atggccaggc 300
tgaatcagca ctgccagcct ctgcccacct gatctntgcc ctggggcttg gaacaaggtc 360
acctgaggca aaaagcattg tcccccaaag aagggncagc gattttaaca tct
<210> 3569
<211> 499
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W68721
<220>
<221> unsure
<222> (1)..(499)
<223> n = a or c or g or t
<400> 3569
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taggaggggg agtgtggtag ggggacgagg gacaagatga tgaacggccg tggnatcccg 120
tangagedec egaceacce ecaceacce caceceteg geaacgetge ateagettea 180
ccatgattcc cagtggtgct gggctggcag ggcgagatgg ctggaaacac agagggacag 240
agggacagac agcgcctcca caaacaaacc ctggcctgcc ccggccccta catcacacgc 300
tgggccctga cctgaggcgg gcctcccacc gccccggcct tgatctgtcc agggaaaggg 360
cqacattqqa qqqqaqqcqa qqqgqccggg acgcaggggt agtggtcgcc aggaagccgg 420
agcagginag gaccagicte gactaatect tittetigte eteigetgge tittggagggg 480
                                                                   499
ctttcttggg gctcgctgg
<210> 3570
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<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W69302
<400> 3570
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coqqqtctca qctqccccaq qccqcacaq qcaacccctt cccatccaaa qccattqqtq 120
gagettetet ggaateattt gecaaaagee caaggeagaa tecaagggte caagaeeatt 180
tccatggagc tcatgttttt cttttctgta ggaacttttt tttaaccagc acccaccata 240
attccqaaqc cacqtttcat ctttcctgqa tcactacaqt gaaqtattac acqttgtaca 300
cqttcccaqt ctqqccttqq cttqctcqqa taaaactttq tatqtatttt qtatqqcata 360
qattctatat tgtaatqatq tcctatgcaa aaaqaqaaat taacqaaatt gtaaatttta 420
ttgttttaac gtgtatgcat gtttagtgac gtttacattt tgaaataaaa ttt
<210> 3571
<211> 476
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W69468
<400> 3571
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acagattgga aaatgtggac gaggagaaaa ggggtgtatg gtaagcaaaa taaattgtat 120
tttccatcct tggggaggat aaaggaactc tttgcactgc tataatgaac agcccccaaa 180
tgccagtggt ttaattcagt ggagttcaga cctcattcct atatcattgc agtgtggatg 240
ctcctggatg aaggetettg taggtaacte teetecagte ggtgatteag ggacecagee 300
teettetgee tigeggetti gettitaaag gieeteaggg tgeteteeat giatetigee 360
aatggggaac gagtgtggag gactcacaag cgggtctcac atcacgtcct ccggggctaa 420
tacacatece tteteceeae actetyttyg teagaagtea etgettygeg eeetge
<210> 3572
<211> 445
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W69675
<220>
<221> unsure
<222> (1)..(445)
<223> n = a or c or g or t
<400> 3572
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aggcatgagc aagaatgttc taaacaatgt aacgatttcc agcattgatt acagaatttc 120
ctctgatcat ttgatttggt tatagatgaa tttaaacttc aatttaagct tgacttttaa 180
aactccccct ctgcttcctg atgaaccagc ataattccta aaattacacc taaacaagtc 240
tgtcttgaca cattggggtt tgcctttaga aacatttaga atctagtatg ggcaaggcgg 300
ctggaacgag gtttgggatg ggcacaatga tttatgctta agttctgttt tggaccactg 360
qataccaaaa tcattqqtcc atttccattt ttaaqqqqtt tccataaatt qqtaqccaat 420
taatcctcng gaaacanttt ttgnt
                                                                  445
<210> 3573
<211> 428
<212> DNA
<213> Homo sapiens
```

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<220>
<223> Genbank Accession No. W70115
<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t
<400> 3573
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cccaaagatt ccttatctgt gaaatgagga aggttacaat aagaatgtga atagagtact 120
aacaccaagg aagtgaaaat actaacctca aactcccatg taagcatttg ggggatacgt 180
gtagtgataa gtacaaaata cacagtttaa taagagccac ccaaatagca atctttatat 240
tcattcctta tctcctttgc acatgaaact ccttgttggt tttaatcacc tctacaatta 300
atagetgaag accetating actactetti actatggate caatttaatt aggaagaaaa 360
aaaaaggcag ctttaagggg acaaatttat ggacttaaaa atgggttatt ttaatggaag 420
ggcattag
                                                                   428
<210> 3574
<211> 128
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W70131
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aatgtttatt gttacattgt tgtaatgtgg ctggaaatcc agaagtcata caaatctgtc 120
aggattgg
<210> 3575
<211> 144
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W70313
<400> 3575
gcatgtgcaa aacaccagac acatacagaa acaattagga ttctatgagg gcagagaatt 60
tgtttctcta aatggggctg ttcaatgttt cacagagcac aaggacaaga aattcaatat 120
ttttgagcag aaggaagaac tcat
                                                                   144
<210> 3576
<211> 141
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W70336
<400> 3576
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gtaaatgaga acgggagtga atggggtgcc caggcccagc tttcaggcct ctgcaggggt 120
gggacaggaa gaggtaatgg a
                                                                   141
<210> 3577
<211> 490
<212> DNA
```

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<213> Homo sapiens
<220>
<223> Genbank Accession No. W72044
<220>
<221> unsure
<222> (1)..(490)
<223> n = a or c or g or t
<400> 3577
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cacagattga aattccatag ggctgtggca aaaaacagtc atctctattc tgtagtaaca 120
aacaaacaat tttggctcac taagattgaa atacatggca gacaggtatt cattcttaga 180
tgactatgga tttcgaaata aacttcataa actgaggtga aaattccaat atatcgcagt 240
gtgggaacca agacttttca ttgccttttg ctcagtaaga ttgtctacac aaactgccac 300
gggaggaatg acaagcagtt gacccactgg tggatacaca caccgtgtga ccatgtaaac 360
acgccactgc aggacgacg agcgtgaccg tgaagcgtgg ccacncgcga ccccacttag 420
agtgtgacct ctctataatc actgctgctt ttcctggttt tggttttttt ttttaaacac 480
agccctattt
<210> 3578
<211> 212
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W72079
<220>
<221> unsure
<222> (1)..(212)
<223> n = a or c or g or t
<400> 3578
tccttttaat atgaggaggt ctggtgtgaa gacagatcaa gcatgggtac ctggcttgaa 60
cattgtccat taagaaaatg tatcagtctc cgcatagcat cagtcaaqqq tcaaqqaaaa 120
tgcccctgac ttgcntgtgt tctcagagtg tcttcgcagc acagtttntg aaattcaaat 180
agtngttttg agacaaaaat nccgccaggt ac
<210> 3579
<211> 378
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W72187
<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t
<400> 3579
tagttagaat aagtatttaa tcgtttacta ggtgatctaa atcagtgatt ttcaaatagt 60
aaqqqaqqqq catqatqtat nqtaatttta catttqqaaa aqaaaaaqqq aaaaanaaaa 120
aaaaccttac cagttgagaa accctggtct aaagataaag cttatgtngg naataatcaa 180
qaaaqqqaqa tatttqaqaa qqqaaaqqqa aatacatcac ctcatcqaaq tctcctctca 240
caatatgaac atcaccagcc agagtettga gatagteata actetetttg gtgcaaaggt 300
ttcctgtgca gagaatgtgc tgaatttttc ctgggcacca ggagtttttt gaatttagct 360
ggcaaactgt tgcaccgg
```

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<210> 3580
<211> 450
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W72276
<400> 3580
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ctgatgggaa aaacatagct aaaatagtgc ctttggtatc ttatttacag tcttctagtc 120
cgtcatctcc ctccttcatt ttatatcaag tttcaaaatt ggtttcatgg taataaaatc 180
aaagttgtag acctctgcca tgccctgatg tagagttttg ttgaaacggt cccagcgaaa 240
aacagggagg ccaccttgta ctgtgggacc acttatggca taggatgtgt actgagatgc 300
taggtagata tctgccacct ttgtgtcata acaacctcca ggacttgggt taggtgagtt 360
caggtcctca cggcagcaga tggtattaca ggggtcacct ctactgtaag gatccttctt 420
ataattgttg tatcgcatga tatatttcat
<210> 3581
<211> 577
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W72382
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aggacaaaca caccaacata tttcttagta gtttcctcac aatagattat taaagcatag 120
aacaattatt catattcata aagaaatgac ttcaaaatag gttaaattgt tttccatcta 180
ctctgtttaa taaggcaaga acaaatgatt cactttagac aaatagtctc atcaaaaaag 240
ggctaaaata gtaaagattc atcacctaaa gtggtaagct ttggatatct gaaatataaa 300
catgttagta ctctgatgat cgccagataa atgaatttag gcaagaaaac acattgttac 360
aaaaagcctg ggttctaaat caggattact gagacactaa caatttcaga tttttgcctt 420
cattccaaga agcaccaacc cagttttctt tagactggcc tgggctgggt ttggggccaa 480
gatctagtcc aaatggtagt ctgccagtgg atgtaggtaa ataagataga gggatgaaga 540
aaaatttagc atcccgccag ctgaatatcg ggttcgc
<210> 3582
<211> 467
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W72471
<220>
<221> unsure
<222> (1)..(467)
<223> n = a or c or g or t
<400> 3582
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atacttattg aaaaaaaacc atactattta aataagaatt cagttcatga aagtttacaa 120
aatacaacca atgtactctg acttgtggtt atatcttaac tatctcaact gtacttttct 180
ggtatggcca gaccttttgc aaatattacc atggtatttt aattttatga tataaaacag 240
tagcaattta ttaagttttc cattataaaa attaatatgg taattctcaa aatactgaaa 300
aaactgtttt atcgaaagca gtacccacat cactgcaacg tatttccttt ctcttagaaa 360
acatcttcca aaaggcacat tttaattacn agtggtttat atcnaaagga tagtagtttg 420
gaggttttgg aatttccagg ncaattttcc cnttatccnc aaaattg
```

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<210> 3583
<211> 259
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W72861
<220>
<221> unsure
<222> (1)..(259)
<223> n = a or c or g or t
<400> 3583
gaaacagttc tctttacccg tgatcactga gtgacgcctg gggggcgagg ccgaccgaga 60
gtctggggcg agggctcccc caccgtcccc ctgcccccac gccacgtcgc ccagcggcat 120
cgtggaaaga ggatteteee atgeaaacee eggageeaga ggagaagggg aagegeeatt 180
ggacacgaga cacgnggga
<210> 3584
<211> 449
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W72972
<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t
<400> 3584
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cttgtccctc acgcagtcca cacaacagta aaggcacaat gaggcatatt aaaacatagc 120
cagtttcaac agcttggata tttcctgcca tggaaaagta tcctgcccac agattcacat 180
taacatacat ggtacattaa tatcaatctc tatcatatac caggccacgg tacatgtttg 240
cacgcagggt cacgttctgc aacaaactta ttctaataac agtattcaga aggcacccta 300
tgggacacag gtgacagttg aagttacgag gctagatggg ccacatcttt tacatccaag 360
aaccgccctg gggncacacc ccaaactggc tngaggtgcg gaggcnggtt ctgcaaagca 420
gggtcagaaa cactccccc ataccccaa
<210> 3585
<211> 359
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W73038
<400> 3585
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gcagatgcaa atgtggggtg ctgagagtgg caacacaggc caccccaaac caacttcact 120
ccctcccctg tcctcagcca gtacagaagc caaatgtagc cccagcccta gactccagcc 180
caggcagagt ccaagggagg ggtgtcaggg tcagaagtca cagggagccc agtgactatc 240
aaggtggctg agagcaaggc tagggtaggg atggggcaga gaaagggcag ggggtgcagc 300
ccaggtggcc caaagcaaca cagaggagca agggctggca ttcaagtcag caggtccct 359
<210> 3586
```

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<211> 498
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W73189
<400> 3586
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accttcttcc tggagaagga tcaagtcctc aaaaggtagg aaatgtcaaa gtgtcacttc 120
attgtcatta aaaaaaacca aaaaacaaaa aacaacccaa caaacaaacc ccctaaacca 180
aaaccaccct gtgaccaaaa tacccccgag tccaggaatt gctgtaaaca aacccagatg 240
caggatcaac ccttctcagc ggcagtcgqa gctgacqqca qtcactqcaq tatcaqtcct 300
cgaggcaggg gctggcggga gtgggcacca ggagggccag gctgccaggc tgtqcgcqtq 360
atatgtacct ggagctgcag acctgggggt tgcccatcct caggaagqct gacctttctq 420
gggtccccgc gttctccctg acccaggagg acaaaagccc tttcagccct gtgagccaac 480
aggagaaacc ctcgtgcc
<210> 3587
<211> 445
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W73194
<400> 3587
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cacaggagga ggaaagatag cgccatctct gcagaagaac tcctgagcca cacacagaag 120
gaaagttgat ccccagggca gcctttccca ccaaaaaaat caggcccaat ccaggagagt 180
ttgccagtag ctccccaggg ttccagggtg tctgccagcc ttcctaggaa tcgtgggcag 240
gcttctaggt gccagtgact caaactcctt ttcccacttc ccagttcaac ctggtcactc 300
tcatccccac aagttcccaa tctgaatccc attctctgac cattctctgc ttccttqttt 360
ttaatctcat ttgagagtga tcctcacggg ttcccctggc ccctgcactc attttcctta 420
ctgggtatgc taacgttcct cgtgc
<210> 3588
<211> 416
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W73382
<400> 3588
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caaagcagaa tatatagaat accetettaa gaettettag gagetgaggg ttttattget 120
gcagttcaaa gaatcaaatt ttatacaagt gaaagctaag atgaacacat ttaagttaaa 180
tggcagcctt gttaaaaagc ttttttatcc tgttattgaa ttttcagctt tatgttaaat 240
gaaatttaaa agattgctca tgaaataatt taaacctttt caaaatctaa taaacaggta 300
aaaggcacct ccagtacttt aaaatattta cagcaatccc aatagtttaa ttttaagggc 360
tattatagta catgcggcta ttatgcatac acagtatggt cattaacact ctctaa
<210> 3589
<211> 425
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W73601
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aaaacaatgt tccatttaag gctcttttat acagaaattg ccatcatgac tgatattcaa 120
aatatettta gtgttgcagg actcacatgg taaacataaa actcetacae ttattcagta 180
gtgtacactc aatggaaaac aaaaaggcat taataacagc tatttctttt aagaagatat 240
gcaggtaaca ggaatgaaca ctgaggtact aggataagtt gatgacacag ttaacaaaac 300
ttaattggca ttccttttag gatattaaac ttattacaaa aagtgctttt aatgcatagt 360
gttatatccg tgctgccata tcactaaaat aggcttgcca aggcagggtg aggtgtatga 420
<210> 3590
<211> 490
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W73818
<220>
<221> unsure
<222> (1)..(490)
<223> n = a or c or g or t
<400> 3590
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gccttggact catccctgac tgactggctg tttcagtgag ttctttcttg gcttaaaaaa 180
aagagtgaga agaagagcag ttgtgtggtt tgcctgtggg gacttgggca atgggggttt 240
gtagagccaa gtggccacca tgataagcga gactgacttc cctgtgcccc gacatttggg 300
aggaggcage acceccagea caegeetgag gttcaccage ceetggneet tggcacagat 360
tectecette tttgeetgga acaactgttt etgtteecca ecceattgtg teeteeagga 420
ttcaccgtag agatcaccat tttgataagc taatctgcag cggtgaagcc ttcaccaagt 480
ccctcgtgcc
<210> 3591
<211> 566
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W73889
<220>
<221> unsure
<222> (1)..(566)
\langle 223 \rangle n = a or c or g or t
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gatgggggct gcaaggtccc caccetecte eeggeeteee geggeteetg ceeteetea 120
ggccccccac ggcccccgcc ccgcnagcta cacgatcccg aactnggcac nctntanggc 180
agctgatcgc ggcagctntg ctcgaaccac ttgccgttgg cgcgcctgac aggaccgcgc 240
agttctcggt cttgccgcca tcgggttgcg cggtgatctc agtctcccag ttcttgtagg 300
cgatgcgggc gccggtcatg tccacccagg tgccctcggn cgccatgtcg ttgaggccca 360
gccagatctc ggcctcgttg cccacgctct ggcgcaggta ctcatacagg gcgtcgttct 420
ccgagccagt ctgagggtg ctcagggtgc cccgcgcgag atgcagttct cgctgggctc 480
gtggaangtc ttcgtctggg tgaaggcaga aagcatttta tgtgnacttt gggtcccntt 540
nagggaanac gtttgaaggg ctgctg
<210> 3592
<211> 425
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```
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W73914
<400> 3592
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gttttctaaa tgttttaaag tattgcagaa ttatgaatat ctccacacaa aaatggcagg 180
atggagtccc agctttggtc agtgagaatt attatgatct cattgttctg aatcccataa 240
cataggctaa agcttgtcag agtaaatccc atgtttccaa ataagtaaat gacaagggaa 300
tttgtaacta tataaggaat agctccctaa aaatggcagg tggagagcca atggaacatg 360
agctgacact ggctggcctt acagccccag aattctaata gtgtgaaatg aggccaaagc 420
accaq
<210> 3593
<211> 415
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W74158
<400> 3593
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gaagaacatt caaaagtaaa taagttacat aggtacatta caatcacatc agcaagattc 120
tttagtgtat taatttttt cttataaaaa gcacacaaaa aataaaatct tcagtctcta 180
tcacaactgt acagcaaaac gaggtaatat ttatatatgt acactatttt aatactgtaa 240
cacgtctttt taaaaaagga tgccacagga gcaaacacac aaaaggcagt gtctgatcat 300
ttttgtttca aaataaaagg aatatactta tttatatgct attaaaatat ctgtacaata 360
attacagact gtcaaggctg ttcctgtgct ctggtcccct ccaacaaagc cttca
<210> 3594
<211> 429
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W74233
<220>
<221> unsure
<222> (1)..(429)
<223> n = a or c or g or t
<400> 3594
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eggageeeet eaceeeace aggettaggt ggggacagga ggegttggea gaaggeacae 120
cccagatgag gaaattgagg ctcagtgagg gcctcaggtc acacagtaag gtgcgaagga 240
gctagtcccg agagcttgtg gtggttgctt ctctcttgcc tgggctacaq qaqqacqcaq 300
gggcagcccc cgcccttctt cctgggggca ctgggagggc tcggtgggag ctcttgttcc 360
tggtatttcc ggacagcccg caccagctgc ttcaaaagcc tcgtccacgt tgagacgcat 420
tttggccga
<210> 3595
<211> 610
<212> DNA
<213> Homo sapiens
```

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<220>
<223> Genbank Accession No. W74536
<220>
<221> unsure
<222> (1)..(610)
\langle 223 \rangle n = a or c or q or t
<400> 3595
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gcttggcaag gtggggttat acaggagaga gattatacag gagagagttg gtctgaggcc 120
agaacagttc aagggaaaaa gaaaagggag ctgatggatg ggatctgtct gtgggcccct 180
caaggeetee agtactaete tegeetgeet eaggtteete egaetgatte agttetgeae 240
geteeteete tteeteetgg ttttetgggg cetteetete eteteetegg egttgeneet 300
ttgccacaag atgaccccaa tgagcagggc ggctgtcccc aggcctccca ggatccccag 360
ggccagggct agagttccca gccctgatcc tcccacagag cctgcagttg gcccctcctc 420
gcctggttcg atgatgctga tgctgacagc acggctttcc tggggcccgt gntggaatgg 480
gtggccacac agctgtaggt tccctggtcc tgaggcctat tcagggagga ttagacaggg 540
tggggggnag ggaagggacc tcgtgcgaat tttggctcga ggcaaattcc tatagtggtc 600
qataattgga
                                                                   610
<210> 3596
<211> 428
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W76097
<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t
<400> 3596
gtgggagcac acagaccagg tcccaatcct ggttctgccc ctgactggct ggtgactctg 60
agcaagttgc ttgacctctc caagcctccg tttcctcatg tgcaaagtgt ggacaaaaca 120
gtaccttcct cataaggaac gtgcgacgcg cctcagaagt acgtgttcat aaatggtagc 180
cattgttgtt accttcccgt ctgtgaacat ggatcacatc atctctgtgg gtaacccagt 240
cctcgttgta tgacttgtca aaatgcagtt ccacttgtat taatattgac cctgttcatc 300
gtcaccangg actgcatctt gcaccactgt gccgtcttct aggcacacac gaccccgtta 360
tctcccttgg aaaaattcct ctcactggaa atgtacaatt aaaggatgat tgaaatgttt 420
aaaaaaaa
<210> 3597
<211> 437
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W78057
<400> 3597
tttttttttt taaagatatg tcgttcattt attctgaatc ttatattgat agataatacc 60
agaagatttc agcatagcag ataaaataca gcaaatccta accagcacag gttttagtga 120
caaacgggcc cgttccatgg acatagatga cttcatcagg taattacatt tttqttttcc 180
taagtgttta catttcttta ctgtgacacc ttcagattqq aqattttaaa qqcttttaaq 240
cggtataagg tgctacctgg gagagttatt gcatagcact tccatqqcat qqaataqtat 300
ttggtgtaga agatggaggc tagttagctg cagcagaatg aacattttct ttaagaacag 360
tagtaaagaa cagtccgagc cagaagattg cctttgtgtt aatgtggtgt gcaggttcca 420
atgtggtgtg caggttc
```

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<210> 3598
<211> 437
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W78093
<400> 3598
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aatttggcga cgcaaattct tctcaccaca gtgggttcag agaatqaqqa qaqqqctqqq 120
aggtgggctc agggactctg catgttgctg aagggtgaaa gagctggaat gctggctcat 180
ctgqccccat caactcccaa ccaaatttgt gtgtccttag gcaaagccac ccctgtctg 240
aagctcagtt ttcctgtctg taaaatggag aaaccagaca ctgtccacac aaggtgaagg 300
ggcatccaag aatgtgggag gatttaacag cattgtagct gtgggctgca ctttgggaaa 360
gttcaaaggg ctcctcgaat gccagggaag tctagaatag tgacgggttc cggctgccca 420
agtttgttct ccaacct
                                                                   437
<210> 3599
<211> 420
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W79046
<220>
<221> unsure
<222> (1)..(420)
<223> n = a or c or g or t
<400> 3599
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atngctcctc ttacactttt ccgaagataa tgagcccagc caaggcaaca gagatgctta 120
tttttggaaa gaagttaaca gcgggagagg catgtgctca aggacttgtt actgaagttt 180
tccctgatag cacttttcag aaagaagtct ggaccaggct gaaggcattt gcaaagcttc 240
ccccaaatgt cttgagaatt tcaaaagagg taatcaggaa aagagagaga gaaaaactac 300
acgctgttaa tgctgaagaa tgcaatgtcc ttcagggaag atggctatca gatgaatgca 360
caaatgctgt ggtgaacttc ttatccagaa aatcaaaact gtgatgacca ctacagcaga 420
<210> 3600
<211> 432
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W79421
<400> 3600
tttttttttc aaattaacaa actgtaattg ttttcccaaa gatacatttt tttcatacac 60
atccatcata cactgtaacc aaaaaaagca gtgtacatga aataagagaa aataaattaa 120
aaatccatag cataggtaag gaggctctag tctggagcac agctgagttt ccagcaatat 180
aaggaggete gaaagtttet tttataagaa tgeetgetag caagggttee ageaaggtgg 240
ttggttggtc tgtaagtcag tcttgagtac ttgaaacagt tctgtgtttg tttttttcc 300
ttagcgttta gaatagccat cattgtcctg caataggcag agctatcacg tccaggaaaa 360
atgagggagg gaaccacaga ggcagcgtga gatccaaata cagcattcaa aggtaattgg 420
tccagtggtg cc
                                                                   432
<210> 3601
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<211> 463
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W79422
<220>
<221> unsure
<222> (1)..(463)
<223> n = a or c or g or t
<400> 3601
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ctacagccga gggaggaccc cagtcacagg ttgaaacaaa ggcttgagcc tttgtttcca 120
gaagagcaga gaaaatctca tgatcggcag gagagcaggc agcacttttc cagcacactg 180
gccaaagccg atgcggtaac catccccctg gcagtaccct gttatgatga cttcatcccc 240
gtccagcaga aacttcctgg tctgaccatt ccccaggtct atgggcttcg ttcccttcca 300
cgacagttcc aacatggagc cgaagttttc tgggctccgg cccactgatg gtcccagaag 360
ccaggaggtc ccccggccgc agtttgcagc cgttgacaga gtggtgagtg agctgctgna 420
gnatcgtcca gtacatgtac ttaaaattgg actttgcata tgg
                                                                463
<210> 3602
<211> 425
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W79773
<400> 3602
gaagaaaacg tacaaaatta tatatatatt tatatatata ataacatgac atatctatgt 60
acaacatggc tgggacagtt gaagaaacta tacaatggtg ttcagcattt tccccttccc 120
agatggactt taaggatgac agcatgagga aatggagcaa gaaacacaaa aattatatac 180
aattacaagt gacagtcaag gagtttgggg accagggagt ccagggatcc tgctctctcc 240
attectteet caccaacttt etectateca atttgaatga cageetgaac aetgaatgge 300
cagtcaggag aaaggcatat acacacctca tcccccaca tgcacatcag caagtctatc 360
ggatt
<210> 3603
<211> 400
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W80609
<400> 3603
aattettgtg geaaatttaa tagaagaata tgagaeteae eettaettee cacacataaa 60
acactgcagg cactccaaat cettacagac atatgcactt eggaatcaac teaggcatge 120
acagcatece tgtgetggag tttattttaa aaaacaaege eecagttate acagtttett 180
tttttgttca ccattttcca taacaaaaga agctacacaa aatttggggg gagatactct 240
ctttqqaqac tgacacattt gcagaggggt catgaataat gattccaaag ctcctattta 300
acttctgaat caggcaaaga ataagtgaca atataagaat gaattttqtt tacaqcaata 360
tcataataca gcattgaatc attacagtgc agtggttgta
<210> 3604
<211> 186
<212> DNA
<213> Homo sapiens
```

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<220>
<223> Genbank Accession No. W80730
<220>
<221> unsure
<222> (1)..(186)
\langle 223 \rangle n = a or c or g or t
<400> 3604
caaatgtatc agtttattaa aaatgcagca tttttcacat gagctttaaa gatgtggaag 60
atggggtaca attaaaacca tgagagttgt gcagggaaca gccgtaggnc ntgtttgcac 120
cttcagatat tgcctgctcc caaaaattca gacccccaga tgcagggcaa gacaataaga 180
aagggt
<210> 3605
<211> 276
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W80763
<400> 3605
attggtttaa tottttattt ggaacaaagg aaaaaaggac tgacaccagt ttagcotttg 60
agtgtgcaga gctctgccct ccctcccacc cctcagcccc aaatccaaga tttcatagcc 120
ctaacaccca cccaagcagc ttccctcaca catgcccttt gttttcttcc tctcttctat 180
ggttccttag ggaaaggagc cttctttagg gatgaaaagc taactacagc ccagtctggc 240
ctccagcagc ccagggtcag ctcagcctcc actgga
<210> 3606
<211> 544
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W80852
<220>
<221> unsure
<222> (1)..(544)
<223> n = a or c or g or t
<400> 3606
gacaataagg tgtgagcttt tattgcttaa ttctctgaat aattcaacgt agacgtctta 60
aaacagtttt tgtttcaaga caaagatggg ggatattgga ttgactgatt actttcgcac 120
ctaaaactga aaggaaaaaa cttaatacaa gaattggaat tgaaaaccct agcaggatac 180
ctagtaggta agggtttgga tatatctgta tctgctcata agtaaaacag tgattgtgca 240
aatggtactc gcctaagtac cattaggtta ttggtattaa ggtactaagt acaaggcagg 300
tatcagccac tggtttgaaa anattcaaac cagtcaaaag atgagtcana gaactcctcc 360
agccaaacct gggtaaattt ggtttgcttc tggcctgaag gcagtgtgaa gtgaaattag 420
tttcacactt aaaacnagct gacacctttn taatctggan caccnaaatt tgggncatct 480
accngggaaa gtggggaaat tccccaggga cggnccccca atattttaac ccgggccctt 540
aggt
                                                                   544
<210> 3607
<211> 627
<212> DNA
<213> Homo sapiens
<220>
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<223> Genbank Accession No. W81053
<220>
<221> unsure
<222> (1)..(627)
\langle 223 \rangle n = a or c or q or t
<400> 3607
ctqqaaacca aataqqcttt aqaaqaqatt atcctatatt cctatcaqta taatactaaa 60
atqtaacttt ttaatcatct qqtttttaaa aqataaacaq tttaqcccat ctctccaqaq 120
agcaaacata ggaatatgac tcaggagcct cctagggctt atcatcagcc ctcacacccq 180
cttccccctc caacccacaq cctttqcttc caqqtqqcaq qattactact ttqcctcttc 240
agcagcatct actctaggca tattgatcat tttagacact gggagaagag aacctcaaac 300
tacggaggaa aagacagagc ctccacttag ttttgggagg ggatggcaga cagtcaagga 360
gatgagcgtc ctaaggcatg ttgggatagg gtcagatgca ccacccatgg agaggtttgt 420
caacacaaag acatggaagg ttagaggttt gtcaacaaaa agacatggaa ggttaggttt 480
gtcaacacaa agacatggga agattagagg tttgtcaaca caaagacaca ggaagaatgg 540
gctgcagaag atttagatgn tttccatttg ggcacatttt acttagcctg gngactaggt 600
ttaaacagcc tgggagggaa tttgaag
<210> 3608
<211> 470
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W81079
<400> 3608
tggaaatcag aggtgaatat ttatttaatt catatataaa ttttacataa tattcatggt 60
gctataaata taggcacatt ttttaaaagt ccagatacat ccaaaaatta ccccctcact 120
gtagcctact ccaatcccct caagacggaa tatctaacag tgtttggaaa acagggtcca 180
gaaaggccct gcccattaat tttaaaactt tctgaccatc aagaccattc tttcctgctt 240
caaccaagca gagtcaacaa ggatcatgtg ttttcagggt tttaattgca ctagttgatg 300
aattaagtaa atgcctctgc ctgggtagtt tgtaataggt ttatgggttt ggtttctcct 360
acttagttca agtcagagaa agaaaaacca atatctatat tcctattggc cttctttaaa 420
tccctatgag atggcttaaa aggatgtcac tgcaccagag gactcacttg
<210> 3609
<211> 605
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W81268
<220>
<221> unsure
<222> (1)..(605)
<223> n = a or c or g or t
<400> 3609
cgagaaaaag aatttggaga caaagtaaac ctactttctg ttctggaagc tgctaagatg 60
atcaaaccac agactttggc ctcagagaaa aaatgattgt gtgaaactgc ccaqctcaqg 120
gataaccagg gacattcacc tgtgttcatg ggatgtattg tttccactcg tqtccctaag 180
gagtgagaaa cccatttata ctctactctc agtatggatt attaatgtat tttaatattc 240
tgtttaggcc cactaaggca aaatagcccc aaaacaagac tgacaaaaat ctgaaaaact 300
aattgaggat tattaagcta aaacctggga aataggaggc ttaaaattga ctgccaggct 360
gggtqcqqtq qctcacacct qtaatcccaq cactttqqqa qqccaaqqtq aqcaaqtcac 420
ttgaggtcgg gagttcgaga ccagcctgag caacatggcg aaaccccgtc tctactaana 480
atacaaaatc nccgggtgtg gtggcaggca cctgtagtct cagcctccca agtagtttgg 540
```

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gattacagat gtttggagcc cctaagccag tttgcaccag ctctcagggt cctcacctgg 600
gtatg
<210> 3610
<211> 376
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W81375
<220>
<221> unsure
<222> (1)..(376)
<223> n = a or c or g or t
<400> 3610
cattcatcca acaaatattt attggatacc aagtatgtgc ttggcntggt accaggcctt 60
agggacacag aagaagaagt atacagcagt gtaaactgac atttcttaac cactatataa 120
ataaacccca ctttactact aatcgtgaca tttcaacatg ttatacctga taagacatgt 180
aaagagggca cgattttgag gtatatagct tctttttctc tacaattacc atqtqatata 240
aattootaaa cocottoaaa tagotttata aatgaagago ttocactaat gaaaacctoo 300
caaaattaca gttcagtttt agggagacaa aggaaatgga acttcgggta taaaaaacaa 360
aaatgaaact gggggt
                                                                   376
<210> 3611
<211> 390
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W81540
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agatgatatg cagaatccac tacaaggtgc aacagaaaat cgtattggaa aggacggtac 120
atctggcgca gaccagcagt ggcacgattc caaacaaatg tcagacgaga gcgcttcatg 180
gggagaaact gaaaattata atttaaagct tcatgaggca agatatgttc caatttaaaa 240
cactaagaaa tagtaccatc gatgaaaaag gaaatcaacc tccaggtgta ccaaaagggg 300
cgtagggcaa acggggaaaa tttgcatttg ttgaggtaca aataaggagt gttctgtaag 360
agaggggcat taattattaa tgacaaaccc
<210> 3612
<211> 408
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W81552
<400> 3612
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gtaccttgca gagaataggc attgaaatat tatttaaaca atcaaaccaa agatqttctt 120
ctatcttcag ctgtcagtga tctaatgccc tcatctctct tatcctcagg acccagaatg 180
gtatattcca cataaaagat gctttgttta tcaaatgaat caaaaagcac gcctgaggat 240
ttatttttac tcctttactt ctgtaggcca ggtcaaggtg ggtctaattc acttttatca 300
tcagcactta agaaactgga tggaagacca caacaccttg ttttttgcaa aaattttcca 360
totoctcaat caggocagga agcatqtato ttotqqacaq qactttat
                                                                   408
<210> 3613
<211> 370
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<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W81654
<400> 3613
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tcccccgagt gtaaacagga gaaatgtgct ggttaagtta ctcatcatta tcttattatt 120
aacaaaataa agcactatct atgtttacag tcataaaaaa agaaacagcc tggagagaag 180
tgggggcttt gaggatggag agaagacggg ggcagacaca gactccacat ctqqcctqt 240
ggaatttggg gttcccgtac tgatccaagg gctatttaga tcttcagagt taggtgacaa 300
tgggatttga tttccttagg gaacaaactt tgttgaaact gatcagaggc tgagatccag 360
tccctagtat
<210> 3614
<211> 399
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W84447
<400> 3614
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tagaaaaatt cgtaagacct cagggctgtg gaagagaatg ggacatcaag gaaaaaagat 120
atatatagca accaacccag aaggctgcat gatgagtgaa qcaaaggcaa qtttqqctaa 180
gatagtatta tatgctctga aaagagaatg gctggatagg tacccactta tgtgactgct 240
tactagcagg cagccttact gtatgcctca tggaatggag gcaaaaaagcc aqqqaaaqqt 300
gggaggggag aaggaagaga actgtataaa acccagggta aacaaatgag tggggcagaa 360
ttacagagag aggactctaa agtccttttg tttccttga
<210> 3615
<211> 421
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W85765
<400> 3615
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gaaaaatggc ttctgcagcc tccctgtcta ctccattcat gatactatgt tcttaagata 120
taattacttt caaaggaaaa caaagcgata tccatatttt ccaaacaagg aagcccccag 180
acacatttat gaacgatatg gaaatattgg aaagaactca aatggactcc tagatacaaa 240
aggetgttet geceateaca gtaaacaetg ttttgeetta aaataaaaat aataaaatat 300
ttctcaaatg caggggtgag gactttaccc cgtaacatgc ctaagtggtt cgatatataa 360
ttttgatggc ttgacaattg ctatgtttaa ttcccattca gttaacattc ccattttggt 420
<210> 3616
<211> 443
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W85847
<2205
<221> unsure
<222> (1)..(443)
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<223> n = a or c or g or t
<400> 3616
cataattgta cagacacaaa attgtgtctc actgtactca cgtcgatttt tttagctaca 60
tttgggcatt acggtactaa caatatcaga aacaatattt tgagtatctt acatagatga 120
aaactttcat atttttcatt taagtttnga ttcattacta tqqqttaqat qccqtcqqqc 180
tnaggtgctg gagctctctt gttctcaatc tctccttttg tccttattca ccacaatqtt 240
aatttggage tgagagatte ateaetgace geatetatta cetttetget teaeettgge 300
tcgctttggc aacttcgcct ttggacttct agcatgacag acatagctgc gcttggagat 360
cctcagaggt aactttcttg atggctcaaa atcngagttc ttgtttcatc ttctgttcta 420
ctatgactta tactttcgtt aan
<210> 3617
<211> 439
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W85875
<220>
<221> unsure
<222> (1)..(439)
\langle 223 \rangle n = a or c or q or t
<400> 3617
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aggcaaaaaa aaaaaacaaa aaccaaaacc caaaggataa acagaaatag cacagtccac 120
cgaatacact gcatggtgtt tataactgta taaccaaact aagtaatctt tcccctctct 180
ttaactttta tgcaccacct gccattctag atactatcaa tcacactaaa taataataaa 240
aaccaaccac cttcaatctg atcattctgg gcaggaaact ggaatacagt tttgaccaga 300
tcttcgngaa agattcatat acacgaaatt aactnagttc tgttaaaagg ctgctataaa 360
aataccatca ttacgngcta tacagaactt tagaatacag ctaagagtgc cgaaatactg 420
aatttcctta attgagggg
                                                                   439
<210> 3618
<211> 444
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W85886
<220>
<221> unsure
<222> (1)..(444)
<223> n = a or c or g or t
<400> 3618
cttgactttc caagccagac tgcctgagta tcacttaaac ctagagtgac tgtacaattt 60
atcatccaaa gtaggacact tcttagcatg aaaagggcac taaacataat taacgtaagt 120
ataatccagg cccgtctgag caaaccaaga tttatgtcct tctttcagct cgttcctgcc 180
tatcacctag agggettgac ttetetetge teetettgge atteatacte ageaaageeg 240
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ctaactgage agacttttgt geegectact gtgtgetgtg cagecetect cagateceat 360
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<210> 3621
<211> 395
<212> DNA
<213> Homo sapiens
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<211> 417
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 ctgaaaaatt tettgeeeag taactegteg gtggaettta teeaagaact gggggtteaa 180
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 ttcaaagcaa gtgggactta gagataagca gagccgagag gtgggatacg gctgctcgag 360
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 <211> 381
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tatacagttg ttttttcgat agaggtaaga attagactcg atgcattttt gttagaattg 180
ctgtttaaat gttaacatca gaatgcaaat taaatataaa ttgctttaac ctttgttaca 240
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<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W86431
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ctgccaggta cagcgtcttc atggcactta cgaaggtgtc ctgcaggtct accaccaggt 240
cggtgaaaag ggcattgccg acggctcaag ctggaagcca atctctgggc tggttgagtt 300
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<211> 322
<212> DNA
<213> Homo sapiens
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 tacacatgca tccttttaac caaaggtaat actcactggt gttaaaacta acagctctac 240
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gagaggttca cacagctaac aaagcataga gtgtgtgacc tcaataaggc attcaacaaa 180
gacacacgcc gtatttccct ctgactgcgt tcccttagga tgctctgatg ttggcgtcgc 240
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<213> Homo sapiens
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aagctgtctg ctccaaagca tcttaaaata gatgcatctc ctgccttgag atattcattc 180
gaacccggat ttcaccaaag gagggtcctt atgtacttgc ttacacgaag caaatttata 240
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<213> Homo sapiens
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<223> Genbank Accession No. W86850
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<221> unsure
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gctgcagctc gngaatgcgg tgaagccagg ccgaggccgg agcagctgtg gtaggccang 180
gcagggtgga aggcaccgga ctgggaccgg nccagggcta cagggccgag gacccaggcc 240
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acagggttca cagtaagcac attggacaag tgggcacagg gtcataggcc agatgcacat 360
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<213> Homo sapiens
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<223> Genbank Accession No. W87454
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<221> unsure
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qaatatggat tqacagaaga acaatcataa aacattcata ttggcattct tggcaggcac 180
agctctactc catggccatg tggattatca gaggtctcga gttccactct ctgacaggaa 240
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tgggaagatg acaaaatcag caatggccac tccagggcgg acagacttag cagtcaatac 360
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ttaatctaaa aggatcaaca ggtcttgggt cagccttagg aagggaagca tcactcaqqt 360
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<211> 388
<212> DNA
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<400> 3631
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aaggtttgta tttgctgtga cctctattgt cttgagagac agagtagaca gaagaaataa 180
caaatgtgaa gtcctggaat atagatgagc ttgtgatgaa agacggaaca gagtgaacgg 240
tcagagctgt tggaggaaga aagcaggaag ggcaataaag gtccaagtgg tagccagagc 300
ctcggtttat tctagatgag aagggagatg gtggagtctt ttaagcagga gagaaacatg 360
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<212> DNA
<213> Homo sapiens
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cggcggctct gctgctcgcg tcgggccaag ctggtggtct ggggctgtga cggcctctca 180
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<212> DNA
<213> Homo sapiens
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<222> (1)..(544)
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aaatgcaaac tggtcattct ggaaaccagg gtcaattcta gatttctana agcctggctg 240
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acctctaggc tggcacgtgg caccactngc cctgggagac aagccatccc cgctctctgg 420
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ttcgggggga tacaatttta aaatgttatc caagtatcnt gatgggaaat aagganggga 540
ggttacagaa aaa
<210> 3634
<211> 346
<212> DNA
<213> Homo sapiens
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<400> 3634
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ctttccgctc tgtctcctgg aattgggtgt ctgggatgac ggacttcgtg gagatggatt 120
ctcagccttc cgtttggctg ccatggcaac aaccagtttt tattctctgg ggaactattc 180
tetttgeeta eeattteaga eeetteteea caaggtetea aaggaagagg tagegtteea 240
cagetttetg aageataegg aetgatagga gaeggagget etgagataet ggtaecaget 300
ccttcaattt tgcttgattt ggtaggacct agagagtcct tactaa
<210> 3635
<211> 265
<212> DNA
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<213> Homo sapiens
<223> Genbank Accession No. W88568
<400> 3635
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aacatgaatt ctggtcctca gagaagctga cattgtttcc ctgaacattc ccgtggtctc 180
cctctgaaag ccgatgacca tccaaccctg actcacctga aatatcctac gagcatcgcc 240
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<210> 3636
<211> 415
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W88946
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<221> unsure
<222> (1)..(415)
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<210> 3637
<211> 433
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W88985
<400> 3637
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agcattcgtg agccaatgtt gagacccaac aaaatgtagg aatcaagcat gatgtaagaa 240
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ctatgttaaa ggaccatcct ctgaggaaag cagaggagag gaactccatt atccttacag 420
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<211> 367
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. W89178
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<221> unsure
<222> (1)..(367)
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cqctqqctct qqqtatatqa qcactccttq aqccccqaaq tcctqaqcat tqqtcacctt 240
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<213> Homo sapiens
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<223> Genbank Accession No. W90018
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<221> unsure
<222> (1)..(413)
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tctagtctaa tacttttcat gagctaagtt aaatattctt atacctttca acttcaaatc 240
acaaaccgta aaatcaattt cacatttcaa attggaatca taagcttttt aaagattcaa 300
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<210> 3640
<211> 413
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W90128
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<221> unsure
<222> (1)..(413)
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ccaagaatcg gtttacacca agcagagagg acatgtcact gaatggggaa agggaacccc 180
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tcactgagac aatgaattca qqqtqatcat tctctqaqqq qctnqaqaqq tqcttcctcq 360
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<210> 3641
<211> 304
<212> DNA
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<213> Homo sapiens
<220>
<223> Genbank Accession No. W90146
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<221> unsure
<222> (1)..(304)
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<211> 434
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W90396
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tctttctttt aatttaataa ccttcaacaa tcagatgtga ttggatgatt aacaactaat 360
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<211> 410
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. W90455
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<221> unsure
<222> (1)..(410)
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gaaataatat tettttgtge ttetttatga aetatttaaa tataatgeea ttetggeegg 120
gcgcagtggg aagagatacc aagtccagca tcttcagaca ggcagaaggc cctgccttcc 180
actoggtgat ggtgtcaggg actgttactc ctacctcagc cacacctgct gaatttacca 240
ccaccaaatc ccagatccat gtctcaggga agtactttcg tacggtctcc gtgtgaggct 300
cttcaacatg gcaccaggcg tgcatgggcc tcctncccat ttaacatctg gactcnataa 360
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<210> 3644
<211> 351
<212> DNA
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<213> Homo sapiens
<223> Genbank Accession No. W90560
<400> 3644
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aacgtaagac ctgtgcatgt cttatgggag aaaatgtttc caggatgaac tcactcagag 300
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<210> 3645
<211> 478
<212> DNA
<213> Homo sapiens
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<223> Genbank Accession No. W90583
<220>
<221> unsure
<222> (1)..(478)
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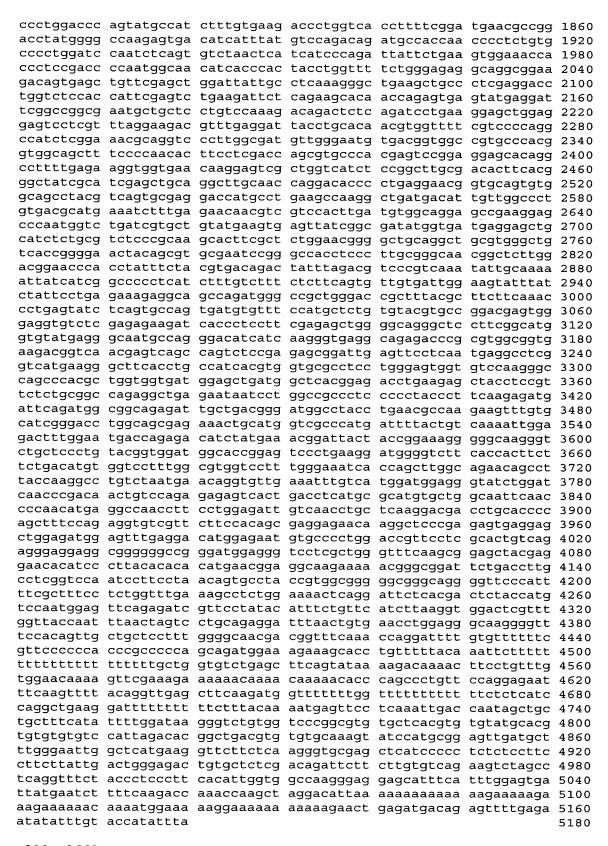
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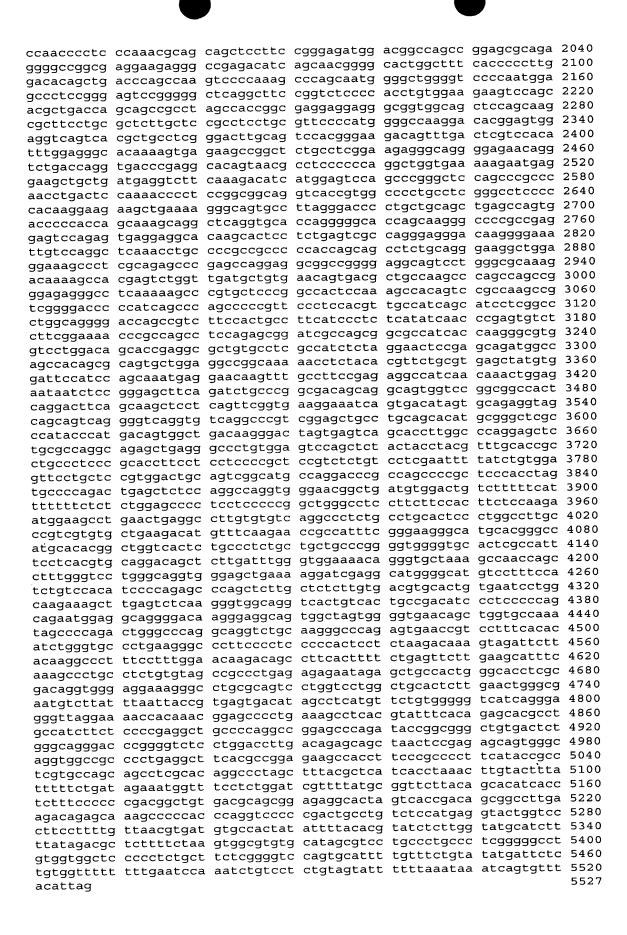
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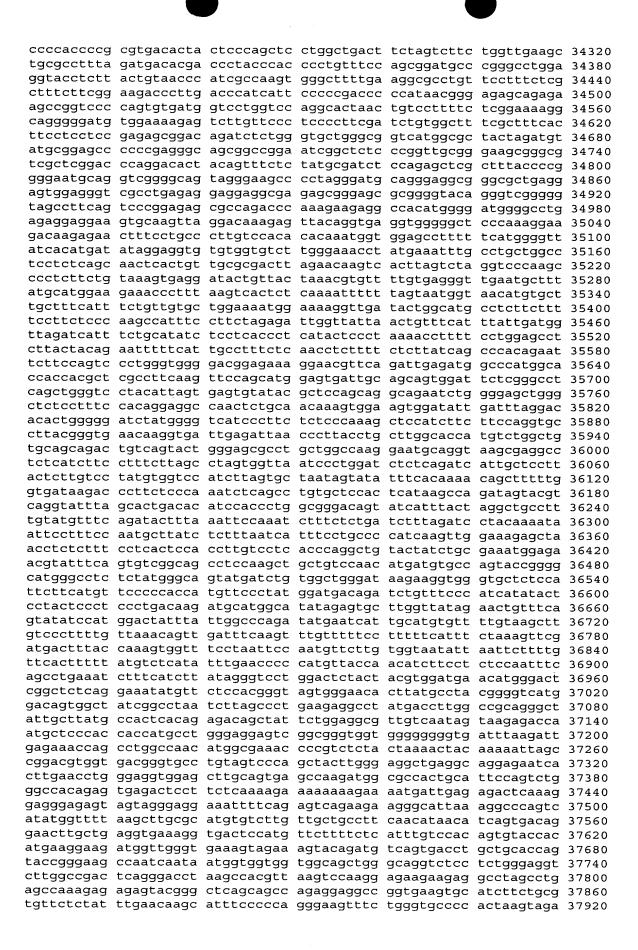
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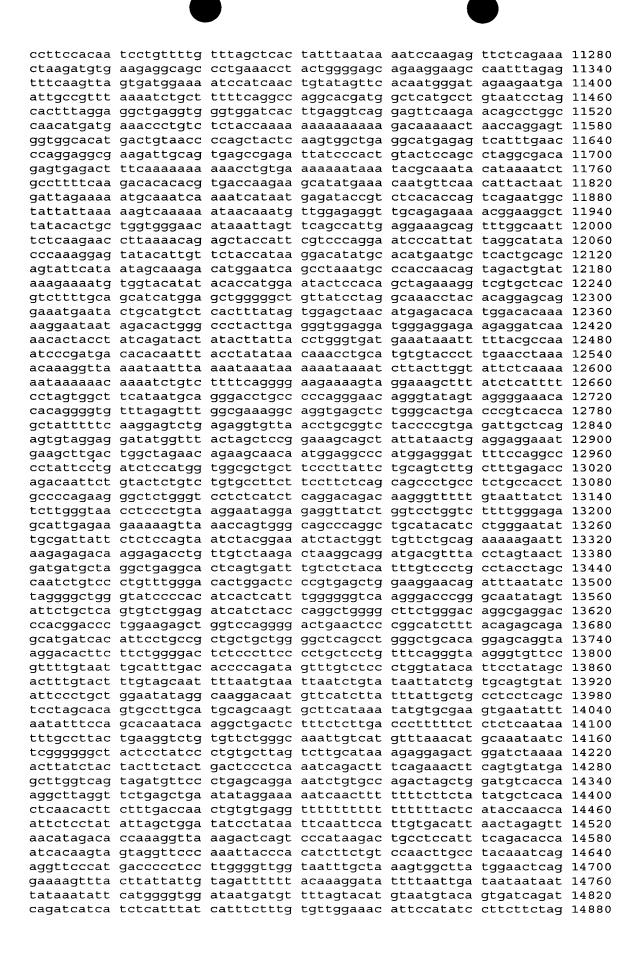
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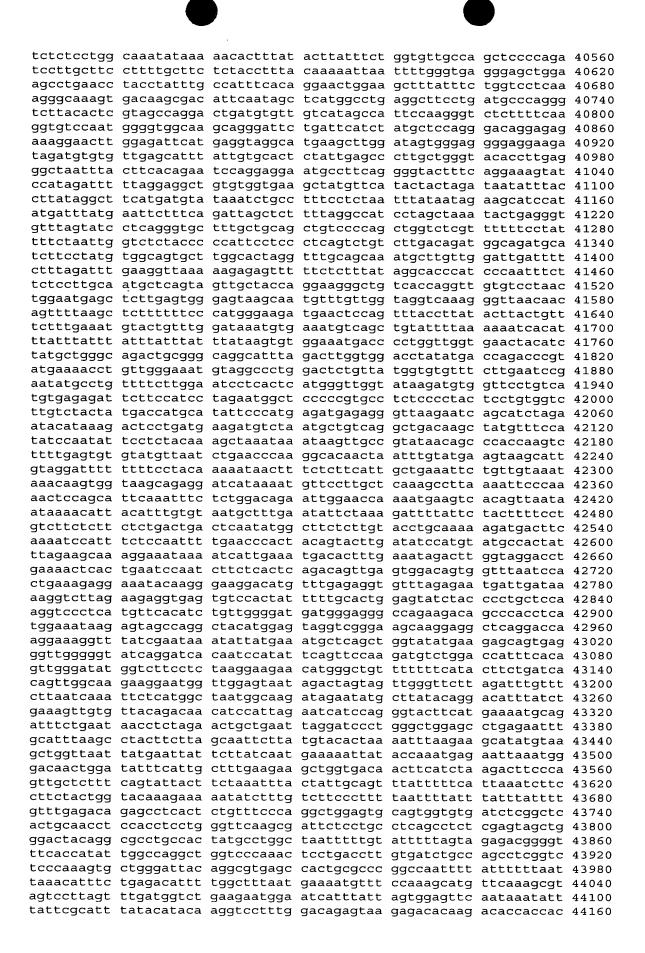
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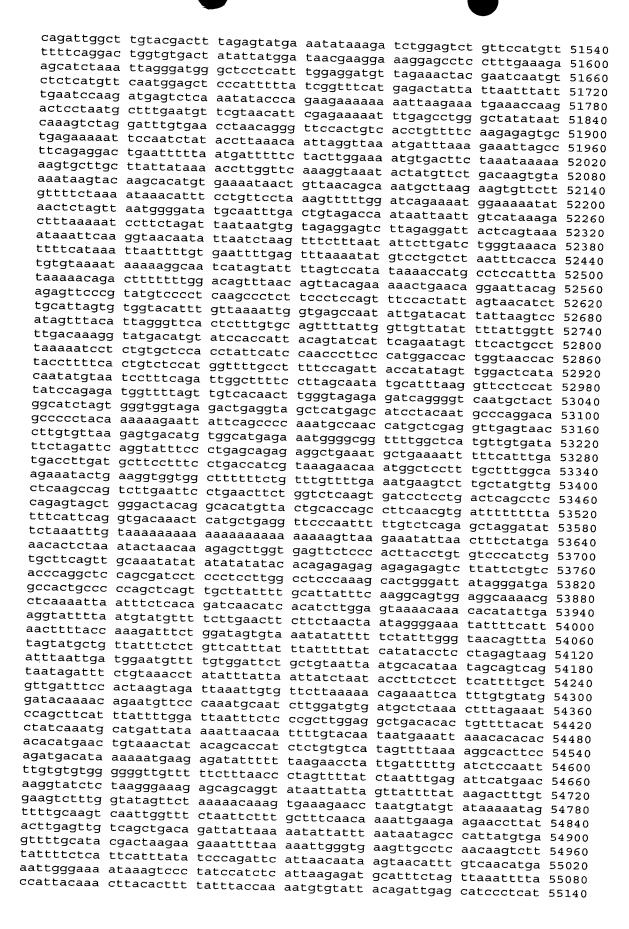
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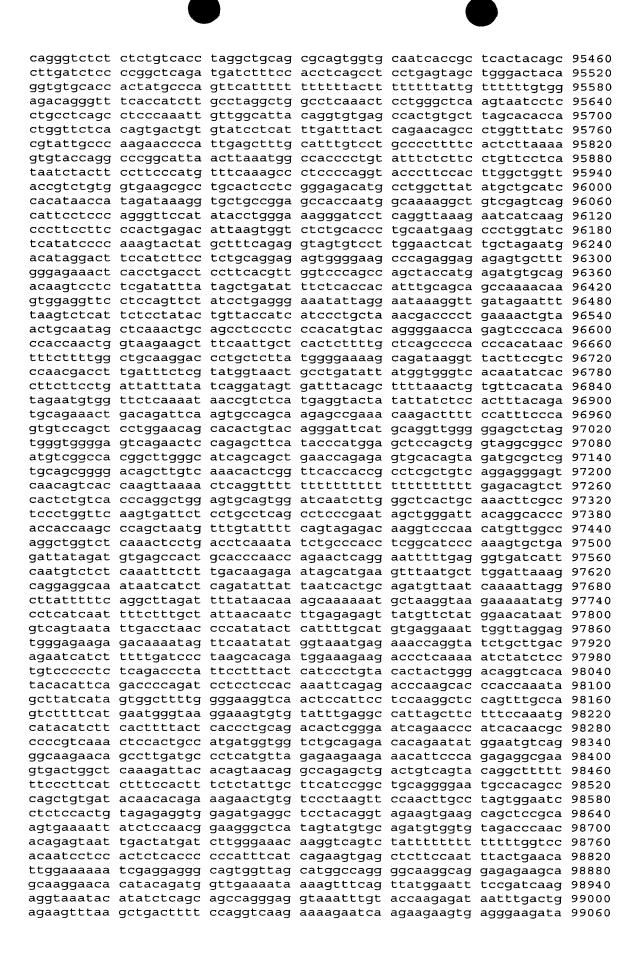
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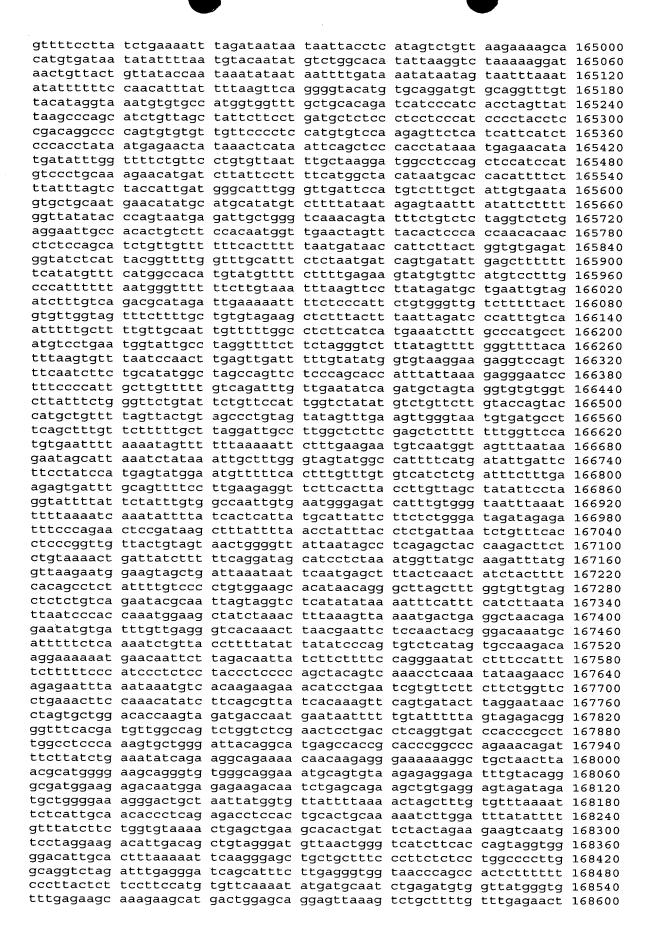
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<213> Homo sapiens
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cagececege egeogeogee ggaegecace tgteaceaag teegeteett ettecaqaqa 240
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tccagccgaa gaagggaact aattcagaag ttgaagtctt tcatcagctt ctatagtqct 1320

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<210> 3880
<211> 228
<212> DNA
<213> Homo sapiens
<220>
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aaataaagtg ccagttaaat tcggctacta ccaacaacca aaaccttaaa catagaaaat 120
caaagtaaac tgcggaaagg tcatagcata accttgggta aaggaatttg ttaacqtctq 180
taacaaatcg aaactgacta cgtatgtagc tcttcaactg caagacgg
<210> 3881
<211> 234
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38161
<220>
<221> unsure
<222> (1)..(234)
<223> n = a or c or g or t
<400> 3881
gatcttccaa aaatttatta agtgtttact tttaaagtgg aaacaatgtt ttnaagaggt 60
gatataaaga aatgccccca ctgtaatccc taccatatgt tgattctatg tggtgggagg 120
gaggggagaa tgattccttt ttctagaatc agagaatttg gaaagtatca agaaagataa 180
taacagaaag catgaaatag agttgtgctt tgaagatgaa ttggatgaaa ttgt
<210> 3882
<211> 172
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38192
<220>
<221> unsure
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<222> (1)..(172)
<223> n = a or c or g or t
<400> 3882
acagtgattt caaacagttt aatgtaattc caagacaaag tgtgattaca tttctacaca 60
tatacaatat gcatatgtga gtttacaaat tttaattaat aagtcatttc acctcggaga 120
ccgaaaaant gntcaaaaag aaactntgng taacangcta taacatagtt ca
<210> 3883
<211> 260
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z38266
<400> 3883
aaaccacaaa tacgtttatt cctctaaaaa cagtatacca tctttccaat tttcaaaatg 60
ttattatcaa ttgtctgcag attactctca ttaagctgat ttttaaaaaat ctcaqacaga 120
gcagagcaat tcaccagcac catcatcaag tgagctacaa atctatcttt taccagagca 180
aggagacact taagatcaat tcaagagaat agctttcagt gttcacagaa ggggtactca 240
cattcatttg tcacatattt
<210> 3884
<211> 273
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38299
acgttttgta tgtttttta tttgctccag gtggggtttt gactgtcact ttcccacact 60
ctggattagt tctgatccca ccacaaggag ccctcgaatt ggctaaagtg agaaactggg 120
cctgaagact ccgtaccctc tgccatcttg ccgagggagt ctccttttag aaaacaatca 180
aagggttatt gcatgagtct ggatgaatcc cactctcagc tgtccacggg cccgaccacc 240
tcatctagcc ccctttttgg cagggagaac ctg
<210> 3885
<211> 277
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z38404
<400> 3885
ggctgttgct tgttttattt tttgtccaag agaggtggtg ttggaccgag gtagagaaga 60
cagtggtaca ccagaaataa cccaaaggat tgccccttct gtagaaggcc cttagactcc 120
atgatgcctt tcagctgggt gctatacttg cacctaactc tgggggcttc actttctatc 180
cctacaatta ctcaaacaga taaaaggctg gatgttaaca tgtagttata aggggcgtga 240
tctaatagta aggaatatca cttcccacaa gtccttc
<210> 3886
<211> 177
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38431
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<400> 3886
cttgttaaag aaaaccagtt tattctaaaa agctctaaat gccctgtgct tggtccctgg 60
tcagggagag gtctcaagag gttactacct gcacaggggc tgaaggtaca gggggaaagt 120
caggittcag tiggitgagi cotaccitat cigittgita ggcttttct agaaagi
<210> 3887
<211> 257
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38435
<220>
<221> unsure
<222> (1)..(257)
<223> n = a or c or g or t
<400> 3887
ctaaaactac ctttattgtg gttggctcga cataagatgc cgccatcagc agaattataa 60
aactgtacag gaggcacaaa aataggctgt ttaacttaga taatgaccct catgtcttca 120
agctttaaaa atgcacataa aagttgtaca atctggcagt ttataaaata taangctaaa 180
aagaggattt tgggttccac aaagaagact gtatcacaca attaacacgt actaattaaa 240
caattaacca tccacac
<210> 3888
<211> 276
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38444
<220>
<221> unsure
<222> (1)..(276)
\langle 223 \rangle n = a or c or q or t
<400> 3888
agggaaaagt atatttacta gacttccata atccatactt actttaaatt caatctagaa 60
ataacatgac tcatattagg caatatactt tgaagatctg tacaacatag taatcacagc 120
agggtettge taacteacaa atttageata catgetgeaa aaacatetet eetggngtee 180
caagggcttt caaatgttcc accaggggca gtcaagacta gattcacggt gctctcttca 240
tcatgcgcac aaaatgtgtt ttcccataac accata
                                                                    276
<210> 3889
<211> 222
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38462
<220>
<221> unsure
<222> (1)..(222)
<223> n = a or c or g or t
<400> 3889
gtcaataaat aattccactt taatggcaaa gtaataattt agacagatac agggtgcaca 60
tttgcaaaaa aatatatgca agctggttta caagctagag gnacaataaa ccaatagaaa 120
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atacatcatc cagttaagtc cattgacacc aagtacttat tgttggggct ttacaaagac 180
tacaaaactt ttcagatgat ttatttcact gtttctgcct at
<210> 3890
<211> 268
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38688
<400> 3890
aaaattaaat ttctctttat tcaattgcct ctgagtagtg ctgtgatttc caagtgccag 60
gtagttaggt gtacaaatat acataccaca gaaacataca gtttttaaaa aaattaagaa 120
actggctgca tctgacgaca tcaagaaaaa agataattct gattcaaggg cttctccaga 180
agatggggtt tcattggcat gacgctcata ggatgacctg tcatttttgt actattttt 240
ctagaaccat agagggatga cagtaact
<210> 3891
<211> 273
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38729
<220>
<221> unsure
<222> (1)..(273)
<223> n = a or c or g or t
<400> 3891
gtatgttgtt tcatttaatt cttaaataat cctttacaga ctcagagagg tgaagagagt 60
agcacaggta gtatcagaat tgggattcaa acctgacaca tacactgagc actaagttaa 120
aaccgggcac tgggcagctg ctgaggatgc gatggtgagt acancagact gcttgctctt 180
tttgatatct agaatcttac agctctgctt gctcatcctt gtctgttgtc atttactagt 240
tgacatcttc gttgactacc tagaagcagc tgc
<210> 3892
<211> 293
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z38777
<400> 3892
ataaaacaca attactttat tgatttctta caataaaata ctgccaacta gcattacgtc 60
cactettgca teattaaaaa caaagggtat tteeteettg gtatttteaa atgatgeatt 120
atacaataaa cgaagttaga acttaaaatg caccctgatt aattatgtaa actgqtaatt 180
tgttttaaaa agcataataa tttggttcct ttcttcataa aatggaaatt taaatatttc 240
ttctgatagt cttgaggtta tcattatgag tagtgcaaag tgtggcacat ata
<210> 3893
<211> 238
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38904
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<220>
<221> unsure
<222> (1)..(238)
<223> n = a or c or g or t
<400> 3893
ggcatttaat gcactagatg ctcttatctt tttaaaaaaca taagaaaatg tcagaagatt 60
aataatacta cagatgttgc caaggaacaa gactgaccta aaattacaaa aqtataaaac 120
acaaaaatat aacatgctac aagggaaaat tagtacataa gtacacttaa aaaattttnc 180
aataaataaa gattgcactg taattggcat ttaaagtact gtatgcagaa tataatat
<210> 3894
<211> 289
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38909
<400> 3894
ctttaacttc aatagaagag tagataaaac taaaaaccct tattgtctcc aagtgtgtgg 60
caaaatagaa aatctttcaa ttacattagg aaatcgggtg gataacggag tatagttatt 120
ccacttaaga agcattccag tcaaataatc acaaaaacaa attcagattg cttggatctt 180
ggtcatttat ggcttgaaga actggatttg aaaaccactt taggctaaaa taaatgtata 240
tgaataatgc atagactgtg tatctagaaa atcatgcaat aaatatatg
<210> 3895
<211> 285
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z38910
<220>
<221> unsure
<222> (1)..(285)
<223> n = a or c or g or t
<400> 3895
aaagttetga ttggetaetg taaaggeaat ettagaagat geatgtaaat ataatataaa 60
tcaactttct tatcaattag acattttccc cactcacatc tcttagtttt tagggtattc 120
agtcccagca accaaaaaaa aaaatgtaaa tcatattttg tttctggcta atgttcaatc 180
agttttnctt ttataagagc ttttgatgta ctgtttctac ggttctttag gcacttacac 240
ataaaaacat tcagagggtt ttccccttaa cacacaactt ttaat
<210> 3896
<211> 292
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39059
<400> 3896
ccaggtcaac acgcttttat tgccacttct ggctcccctc gtcccagcaa gattcctacc 60
tcttaccctg taggaatact gagctccgat gcaggggaat ggggtggggg tgttaccact 120
teteetetge acaetgeeaa gttaaagaaa accetgettg etggagaggg agggeeagae 180
agggaggaat tcaagggcat gtatggctca gtcccacttc tgactgcaga gtatagggac 240
cagggttcca aactttttc gaagtaaggg aggtggggaa gaatttggct qc
```

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<210> 3897
<211> 299
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39079
<220>
<221> unsure
<222> (1)..(299)
<223> n = a or c or g or t
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agtgattcca gttaaataaa attaaaaacc tttattttcc caaatataaa attactaaat 120
taaagtetta aaagaaaata taacatggtg acagetttaa agtacaccae cattcaccae 180
aggntttatg atttaccaat tacatactcc accattttgg caaaaggatg aaattcttaa 240
aactgtttat aaacctaata tagtaaagac tgtatacatc tccatattgc acattttta 299
<210> 3898
<211> 312
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z39191
<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t
<400> 3898
gaaaacaaaa taaatttatt cgtcctcctc cacataacat tttccctgaa ggagagtgtc 60
cctggcacct ggcccagctt ccacaatgga atggataggc cccttccctc cttttactcc 120
ctaattggcc caaagctttt gaacagaccc tcaaaccaag cagaggaagc catggtgtgc 180
cttccaccac tggagggtta catttgaaat tggtgtccca attttaaaac gtcccagctg 240
ccataggaga ggctcttggg agtggcctcc agntcttgac aagggcccac agaggccact 300
gccccatcac gg
<210> 3899
<211> 174
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39200
<400> 3899
gtatgagtct gtgatgtatc aagtgctcca actactcaag gtagcgcaga agggaaaaca 60
ggcacaggcc ggggggtttt gggtgattac acaaatgggc ttggcctcct taccccactq 120
caaactgctg aggcgcaagg gagctcccag ccctcagcct ggaccctggg accg
<210> 3900 .
<211> 256
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39379
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<400> 3900
cctgatggtg gaaatcattt tattctcata cacaqqttat tacaqcacaa ttaqqaaqaq 60
acaatcacaa ctcacacaat gctatattca aattatgcca aagtcccaac atattcattt 120
catttgcaag ttaattccta aaagatcaga gcagagtgat acacaagttt attaacacag 180
actacaacgt caatgaagcc teetggeatt gteggaaata gaaaacatgt ataaaaatet 240
tcgaaatgca ggttaa
<210> 3901
<211> 307
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z39394
<220>
<221> unsure
<222> (1)..(307)
<223> n = a or c or g or t
<400> 3901
gacacttect taaatacatg tttattttac ttcaatateg ctcagggttg tatgtatttq 60
aatacttcag tactattttg aacattctaa atatgaaata ccataaaqcq ttcaaattta 120
tcaaacagtg gtacaatatg gttactaaac ttgcaactta atttacaatg acgttcaatt 180
ttncctcttc aaataaaatc actgactttg gtccatttga tgagaaacta ggacatatgc 240
catgacagca tacttctagc actctatgta ataagcaaaa gataatttag ctaatataga 300
caggtta
<210> 3902
<211> 312
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39406
<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t
<400> 3902
acactgcaaa aaggtcatct atttacagaa gagtgattta aagacattat ggttttcttt 60
acagatgtaa gancagcaac tgttcacttt ttaaaaaactc tacatctcaa ccctccacta 120
ttattatagt ccactgaatt gcctgtatca aaggcagttt tttgtttgtt tttttcccat 180
ttgactctcc aaatgaactt ccatcatttc ttcatcatct gtgggctggc tctcctgaaa 240
agtctcaggg aataagtcac aggagggcag gtttttgacc tgctactaaa aattaaacca 300
caaaaactag ag
<210> 3903
<211> 352
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39429
<400> 3903
accaaaagaa atctttatto ttoagcaggt agacaacato tgocaaccot ggtootcagg 60
gccacactca tatgcactca cccctcagca gcatatcgcc ccttttctga catataaatg 120
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caagagaccc aggaccctag atctttcttc aaacgcaagt gttctcacac acacttattt 180
tacaaatcca ctagaaatat ggactcttat gttctttgta cagccatgca acagaggcct 240
agcatttgtg ctgtgtctgt gggaaaggca gtcagagacc agtggtttcc ctgctttggg 300
gaagatggct caacagttag taatcccagg ttagattgtc agaacagtct ag
<210> 3904
<211> 258
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39431
<220>
<221> unsure
<222> (1)..(258)
<223> n = a or c or g or t
<400> 3904
acaaatnatt teetttatte eeeetgeete eeaattteea ggtageteta eaaagacatt 60
cagacagage cacatgeagg etgteettea aacacagaga aacaaaactg agceactgge 120
tggagatcac atntgcccaa aggtggactt ttctcattca atgccactgg gcagctggcc 180
gggtgccccc acatccat
<210> 3905
<211> 347
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39476
<220>
<221> unsure
<222> (1)..(347)
<223> n = a or c or g or t
<400> 3905
gctttccagc ttttatgaaa attaataaca ttaatagctc acagacatat acatacaca 60
acattgctat gtacacagtc attaagttat taattaggct ctgtaaaaaa aaggtttcta 120
cattagtgtt ccgggctagg cccantcagt ccttggcata ttcacagtgg cagcccagg 180
gcttggcccc acaggcaggc agaggggagg caggaggcca cagagcagcc ggccccacag 240
tgagcacage aagtgteetg ggecacetee ttgagtette aqtteeette etaqcacetq 300
cagtccagct gctcagcaag ccggcagaca ggtcctqatc ccttctq
<210> 3906
<211> 228
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39569
<220>
<221> unsure
<222> (1)..(228)
\langle 223 \rangle n = a or c or q or t
<400> 3906
ggtgtcacat ccatttattg tccatgaggc tacagctcca ttctnagggc caggaatggg 60
```

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caageetgee cagtgtgeea tteetgeete ceagetettt ceetggngge etaecatggt 120
gccagcctgg agctctgcct gtcctactgg gaccgagcag acagcccctt ggcccaccat 180
tcgtaacaca gggacttggc tggcctcacc ccantggcgg ggtctcct
<210> 3907
<211> 296
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z39622
<220>
<221> unsure
<222> (1)..(296)
<223> n = a or c or g or t
<400> 3907
aacagaaaga aaaaagttcc tggacaccag acccacatat ggtatttaca aatttqqtqt 60
gaaccetgee tetggttetg eccagagetg aagagtgaat etattacaga gateagaget 120
gtcaggataa ttatcaagtg cagtaaaaaa tagcattttg aaaaaaatat atacctttag 180
tattgccttt ctagaattaa ctataagcaa gaaaaactta ttttttaaag angaaaagaa 240
tacttttnca ctcttactta taagagctgg ttgtagcagc actactaaaq ctaqtt
<210> 3908
<211> 322
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39682
<400> 3908
cagatacaaa gcagtattta tacatttatt tatatatgta tatttacttc agaagaaacg 60
aacatttcgg ggacaggaag caagcaggcc cggggctgct tccctcactg cccacctcag 120
agtcagagtt ggcacatgac aaataccaag ctcagggaga agaactggga gttaactggg 180
aagtagggg cgctctatgc acacgcaggc ttctaagggt gcacggtatg ggcaggagga 240
tttgcactgg gaggccctat gtacagcttg aagctagggg gagattagcc cagtgactac 300
aggaacaaac gccaaaggag ag
<210> 3909
<211> 335
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z39818
<400> 3909
gggttcaagt ggtctttatt agatccacat aagaatctag aaaatqataa aatatcacaa 60
aacacagcac aatgtgggtt caccaataat gaaatataga gagaggatct tatgttttaa 120
atttttgtaa catatagtcc aaaacaaata gataattata cattctgcaa tagatgagga 180
cattggcagg gcatataaaa ttagactctt gggcttcaaa tgactaagtt ggaaqcatta 240
gcaaactcaa ggaagggaca attcagaggc tataatgggc ttaatgctgc tatttaaagt 300
aatgaagcat tttctctgct ttctggattc atttc
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<210> 3910
<211> 342
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. Z39833
<220>
<221> unsure
<222> (1)..(342)
<223> n = a or c or g or t
<400> 3910
ctttatatgt attatattt nnattaataa ataggttttc ttcattaaac acagaacata 60
taacagattg aaacactccc ccctccccc caattccaaa gacaagagtc tataaaacaa 120
atgccagctg tactacccta agggcagaaa aagtctggtg accccaccc agccctgccc 180
ctgcagcacc accacccca cactctgcaa gagaaggggg tctggggctt ctcccttgga 240
ccctggggac ttaggtgaga agcatgtgaa tgtatgatgt cacctctcca tgaggcatgg 300
gctatgcaaa gatgaggttt ccttctcatt ggctctgacc ag
<210> 3911
<211> 302
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39930
<400> 3911
ggtgcagaca aggcagcttt attgtacttt gggggagaaa aacatgattc catttacqqq 60
gaaaaaaagcc attgacactc agtaagcaac actgccatct agtggaatgg tgacacacca 120
ccaagaattt caagacccga taggaaatgt gagtggattt qqtttcaatt ttcaccacaa 180
aacagcactt ttaataagct ggttttcaga gaacttcaga tttttttgag aaactacttt 240
ttatctttaa aatgcataaa tgtatgtgtt ttctctgttt tgggggggtg gttaaqaatq 300
<210> 3912
<211> 273
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z39976
<220>
<221> unsure
<222> (1)..(273)
<223> n = a or c or g or t
<400> 3912
acatgaacaa cataagtatt tatttgaaaa acattttcca tttaagtaaa atggcaaatt 60
agctagagta gcttcttact gctaattcta tttgcactca cagtcacttt tattcatcat 120
attcaaagat attgctacca aaaatgattt cacaaagtat ttagaaaaaa tatatacaqt 180
ctctctaata gaaagttaat taaaacaaca aagctaggca atatcaagct aagaaagqna 240
accaattgac atatataacc acaaataaat aaa
<210> 3913
<211> 289
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z39978
<220>
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<221> unsure
<222> (1)..(289)
\langle 223 \rangle n = a or c or q or t
<400> 3913
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catgtttaca acccagaaag atgtactttt atgttagtgt ctgtaaagag ggatttaaaa 120
tgtgtatttt aaacacagca gttgagctga gtgcatttnc tatagtacgc tgaggtgtta 180
cctattctat ttcaaataaa ttctcaattc ccagccactg aatcataaat gcaataaaaa 240
aaatcaacag aaatgangaa cttaataaaa catgttgtcc aaaaaaata
<210> 3914
<211> 223
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40006
<400> 3914
gagtgtatta aaggatgttt atttagaaaa gaaaaattag ctttgacaag agacacctgc 60
acatttgtgt agccaaggag atgtcagtga gagcagaagg tgaatccttc atggagactg 120
aacacaggtg gccagctgtg gcagcgacag tgaacacatg tcagtgtcgg cctgggggca 180
gagtggttga atgctttaag tctggtggag agcctgcctt gct
<210> 3915
<211> 310
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40192
gctggtcaag gcagagttta ctgaactgtt agtttcctcc tgcacacacc gggcatgaca 60
ccttcaagtc tgtccagcag tgggtccaga aagtaccctg tgtgccttgg acgcagaggc 120
tacagttctc actgtgtggc atgggagcct tcacagtgcc ctcgggagct gcccctggtc 180
tttgtctgca aaggtgactg ggaggataga aaaagcagcg ggctggcatt gtttcggggg 240
tggggtggtg ggcagtgtgc ctgggcagtc gcagggaggt tgacttggtt ctgggctgca 300
agatctgtgc
                                                                   310
<210> 3916
<211> 297
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z40259
<400> 3916
atagcaaata ataaatttat taggtgccta caagtacaaa atactgaaag ccgctgcagg 60
ggattataaa gatgtgtaag agacaagccc tgccctcaaa gagcttacaa tctaggcaat 120
tagtcacaca aataagttgt gatggcgctc taagtgacct cagcagagtt cttgaaaatg 180
ttcatatcct tcaaattctt ctcttgtcaa attaaacagt gggaaagaga acttttgtgg 240
cattcactgg tgaccctgac tctgcttgca agcatctttc tgctgttgca cgttgtc
<210> 3917
<211> 341
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. Z40305
<400> 3917
cagaggtata tccatttatt gtgggcaaga caggttatgg gaggqaqaqa aqaqqaqqcc 60
tggctagcaa aggtgatett aatatgtaaa tgaaacetta caqqcaqcaq etetcaqaaa 120
gaataagctc taaaagtttc tttcagacct ttacagctqt cagactctca qttaatcttt 180
cctagatctg ggcaaggaaa gacttggctg catcaatgca gattccctac agatgcaaat 240
ctcctcaacg aaagacaact ttgcagggct acttctgcag ctggctttct gaacagacat 300
ctcaaaatat gtcaaagaaa tgtattttgg ggtaaaatat t
                                                                 341
<210> 3918
<211> 346
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40556
<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t
<400> 3918
gagaatacaa gaacdtttta ttttccatcc agttgggcag cagggaaagg ctaggtgggc 60
ccagcctgcc cttccttcct ccagctggct ggatttatta tnagccaqqa gaaaqcaqcc 120
ctggaaccca gactctgtct ccccttgag gtcacagatg ttgaagttgg aatctcgctc 180
cttcccctga ctaccatcct aggctgggcc tcaagactag tgaggcctgt ccccaccatc 240
cctggccttg ttgtggggct caggaactca gagtcccagt gttgagtctg ggagcactag 300
<210> 3919
<211> 276
<212> DNA
<213> Homo sapiens
<223 > Genbank Accession No. Z40583
<220>
<221> unsure
<222> (1)..(276)
<223> n = a or c or g or t
<400> 3919
ctctgtaaaa gcatttcctc tgaatatttt attcagaaaa aaaacacaaa aagataagac 60
agaaacaaaa atcccagtca tctgcagtat ctgtcggctt tcaatttggt tctctttttt 120
aaataaagaa aaatagtaaa attaatctat gtaaaacatg ccatatatat tcaactgcta 180
ctaaatataa aangctttaa aactgtgtgt tcaattttgg ttattgtatt accacaacac 240
ttatattaaa acatgtatac ttttaaattg ggtttc
<210> 3920
<211> 292
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40715
<400> 3920
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aaaattcctt attttatttc aaaaaatgta ggggtgggga agtaacatga taaacattac 60
gatcagctcc ctatgggttc attctgcctc tgcgggggtc gggggcatac agtagctggg 120
gggcatgcca ttgccatggc aacccagatg cttagatgca ggtccctcct ggctgcttag 180
agctgggggg actaggcgcc ctccccgaaa gcccccattc tgagttgttg gtgcctgccc 240
ttcccctgaa tctaagaact gattagtggg ttagactgca acagcagctc ag
<210> 3921
<211> 324
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40883
<400> 3921
aatccaaacg cacttctctt tattcaaacc agggtcaaac tggtcaatgg gaaacgccct 60
gaagccacgt gcctggggag aaaggcttcc tactcggttc ggttcagcqc tqcqtqqqat 120
ccacgggctg gctgtgcgca acccccacag ttcacctcag acactaccaa gcaggtcagt 180
cgacaaaagc aaggaattaa acaaaaaaca gaaatacact cagtagattt cttctagaag 240
ctcccagagt ttctggacca ccaagtccca acccccaaag ccaggagcga ggggactaac 300
agcgcacccc ctccaccagt gccg
<210> 3922
<211> 270
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40898
<400> 3922
ggtcgttatg ctgcatttat tatgagaatc aacagtcaac agttaatgat tgactaactc 60
ttgttgttca ctctggacat taacgaaaaa gactggaata gggctacagc gctgctttta 120
tgctacacgg gttatgcttg gactctgact cccagcagca ggtagattca ggaattcatg 180
gcagtgacat tcaccatcat gggaaacacc ttcccttttc ttcaggattc tctgtagtqq 240
aagagagcac ccagtgttgg gctgaaaaca
                                                                   270
<210> 3923
<211> 314
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40902
<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t
<400> 3923
gtctgtcctc cagcccagtt tctttgggct tcagggttgt gcgaaaatna ctgctacaag 60
gggtagaaat tgacagggag acactgaggg ggccaggcct gctataggag aaggtgttat 120
ttcggggtgc ctgccccag ctgtttcatc ttctcttctg aggctttgtc tggaagcagg 180
acctccacag tgaaattgac cttcttggca tgaatgaagc tgtaggtgtt gtcaaaccgc 240
agacatagat gccaggatca ctgcaggtga gggtcccatc ttcagggacc aggtgggagt 300
tgtacctctg gttg
<210> 3924
<211> 277
<212> DNA
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<213> Homo sapiens
<220>
<223> Genbank Accession No. Z40945
<220>
<221> unsure
<222> (1)..(277)
<223> n = a or c or g or t
<400> 3924
atttaagtnc ttttttattt tcctccacac tggcaaaagt tccgagggag cctaaagttt 60
tgtaaacatt ttaactatcc ctcttaccca cccccaactt ttgantttac aaagcaaagg 120
agagtaggag ccccaatttt taatggtttc ctctccctc atgctatttq atccaaaaac 180
tatatacaat tttgtagcag tctctgtata gttattacac atgtttagaa gggagggagg 240
caagaaggga tagggagaat ggtgatccaa aataata
                                                                   277
<210> 3925
<211> 236
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z41042
<220>
<221> unsure
<222> (1)..(236)
<223> n = a or c or g or t
<400> 3925
ctctatccct cgatatttaa tgtgtatttn ctaaaaacaa ggacacattc ttacgtattc 60
ttattagaac aatcaccaaa atgaggaaat tgacattgat atgatactat caggcaatac 120
agtacagacc agttgtctta ataatgtcct ttagagcaga agaaaatccc tgggcaggca 180
gtgtgctcag ctgccacttc tctttaggtc agaggagtgc ctttaggatg gtgaca
<210> 3926
<211> 235
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z41103
<220>
<221> unsure
<222> (1)..(235)
<223> n = a or c or g or t
<400> 3926
gaaggtctac tctttattgc ccttgtacac aaaggaaggg ggtgtttggt tccaqqtaqt 60
gagagaggag cacccttca aggctggtcg aggaggcatg tcccaaaqqa aqaqttcaaq 120
gcggtttcca gagaggaagg aacagccagg gccttgcctc aacatgggaa cggatttnqg 180
cctccacttn taggactcca gaaacagaaa gggctgtttn acggagctgq qqacq
<210> 3927
<211> 193
<212> DNA
<213> Homo sapiens
<220>
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<223> Genbank Accession No. Z41271
<400> 3927
aaacaccaca catacacaaa gcattttaaa ggagccacat atatctatat agcaactctg 60
actgcttttc aaagttacca gggaaaggaa cttattcagg ctttctttaa aaaaactcct 120
taqttttaat qtatatcttt ttaagattga tgctgtcatt tgaagtaaaa taatgtcata 180
tggataatgg ggg
<210> 3928
<211> 173
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z41349
<220>
<221> unsure
<222> (1)..(173)
<223> n = a or c or g or t
<400> 3928
ggcaggtttc cttttattgg ttctagacag tttgtggaag gaagagatga ggccatctag 60
aggccggcag ntcgcccagt gccccaaaca ctgccaccct gaagtagtgt tggaagctgc 120
tccagggatg ttgcagccct aagcacagtg acaggtgggg gcaggagcag cag
<210> 3929
<211> 272
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z41356
<220>
<221> unsure
<222> (1)..(272)
<223> n = a or c or g or t
<400> 3929
gctttaaatc ccgtatttat tgcccaaagc tcattagtat tacacaaatc acatagattg 60
agaaattttc tgaggttaaa aagacgctgc aaaggcccct gggagtggct gaggcttgcn 120
tgcgggggcc tcactctcac tgggccaggc ttgaagacca ccctgggtct gtccaccagc 180
ctttttcctc ctctaggctc ctgccctttt cccaggccag aggcagtaac accaaagaag 240
tcggctcata accaggtgaa aggggtccgt cg
<210> 3930
<211> 237
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z41415
<400> 3930
caqqtacaat qtatatttta atatgggatt tgtgtagtga tttagagcat aaatatcaca 60
caqtqaaaaa tttatcacaa actaaataca qtaacaaaaq qaaaqaaaqa gcttatgtcc 120
acatttccaa qqtctttaca ataaqttata qcqtccaqqt ccaacacaqc atatttgcat 180
acaaaqccac tgatgtgaac actgaaagga atctgtcctg taggtctttc atcttga
<210> 3931
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<211> 293
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z41634
<220>
<221> unsure
<222> (1)..(293)
\langle 223 \rangle n = a or c or g or t
<400> 3931
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tgtagagcaa aatgatacaa tgcacccaac ccgatattta cattaaaata tttccagtca 120
cattaacttt caaacaaaaa gacttaacga atttacaaat ttttccaaga cgtgagangt 180
gaaaaatgtt tttgaatgcc atctgagcag gatagtaaaa tcactagant agtcttttta 240
agttctcagt tactggactg aaaagataaa gctgatgaaa attggtgaac aat
<210> 3932
<211> 242
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z41740
<400> 3932
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aatttatatt tttaaaacac tgaacatgat gaagacatca ataaaggaag atcatcacgt 180
aaatgacact tcctcagaat ccatgacatc agaaacagct atagcaaata cctaagcatt 240
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<210> 3933
<211> 283
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z41747
<400> 3933
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tctacctgca agcttcttcc tgtgcctttg gaatctgctc ctgccagtct gcagggaacc 120
acggatctgc tttccgtcac gtaggaggca ttctcgacac cctctgtaca cagcatgcgc 180
tttatttggc ttctcttacg cagcgtagtg actttcagat ttattcaagc tgctgcgtgc 240
                                                                    283
gccaacagtc cactccttcc tagtgctgag gcccccatca cat
<210> 3934
<211> 288
<212> DNA
<213> Homo sapiens
<223> Genbank Accession No. Z41798
<400> 3934
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catcaagggt gccataaagg cccacagagc tttgacctgg ggaccctgct tgttttccag 120
aagtgaccca ccaggagagg tggaccagag agctctctgc ctggagggct gtggctgggg 180
```

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agcacgaccg gatgatgcag agctggagga aggcgtgggt aagtggccgc agccgggcaa 240
agaaaggagg gctggagcca ggggcagggc acctcaacaa tccagtgg
<210> 3935
<211> 3923
<212> DNA
<213> Homo sapiens
<220>
<223> Genbank Accession No. Z46629
<400> 3935
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aaacttttct ttgcaggagg agaagagaag gggtgcaagc gccccactt ttgctctttt 120
tectecete etectectet ecaattegee teccecaet tggageggge agetgtgaac 180
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acaagccgca cgtcaagcgg cccatgaacg ccttcatggt gtgggcgcag gcggcgcgca 720
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cggtgaagaa cgggcaggcg gaggcagagg aggccacgga gcagacgcac atctccccca 960
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egeegeegee acceegeag cageeeceae aggeeeegee ggeeeegeag gegeeeege 1440
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cgctgaccac gctgagcagc gagccgggcc agtcccagcg aacgcacatc aagacggagc 1560
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gccccttcaa cctcccacac tacagcccct cctacccgcc catcacccgc tcacagtacg 1680
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ccgacacctc tggggtccct tccatcccgc agacccacag ccccagcac tgggaacaac 1860
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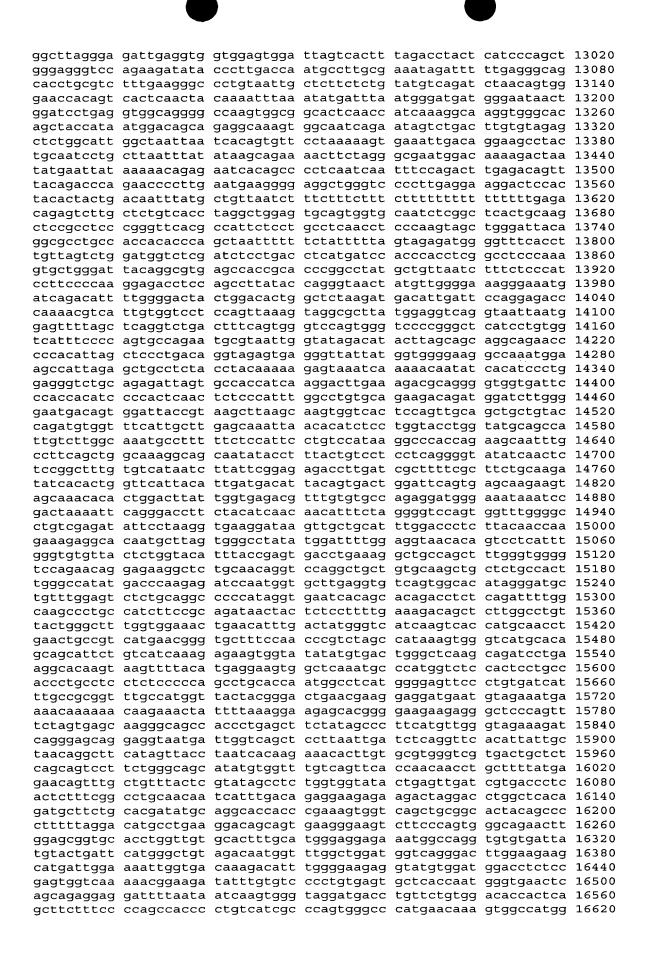
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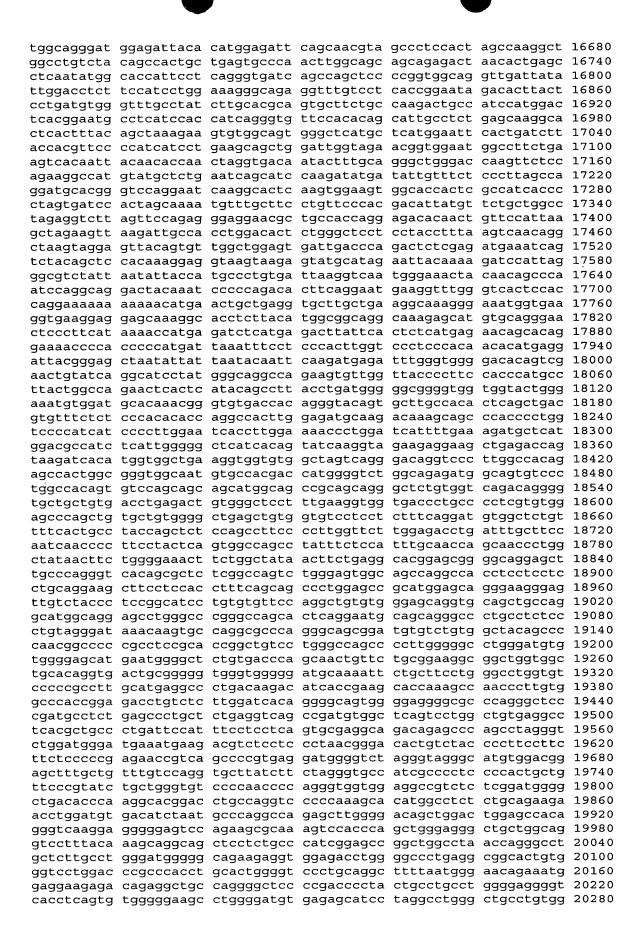
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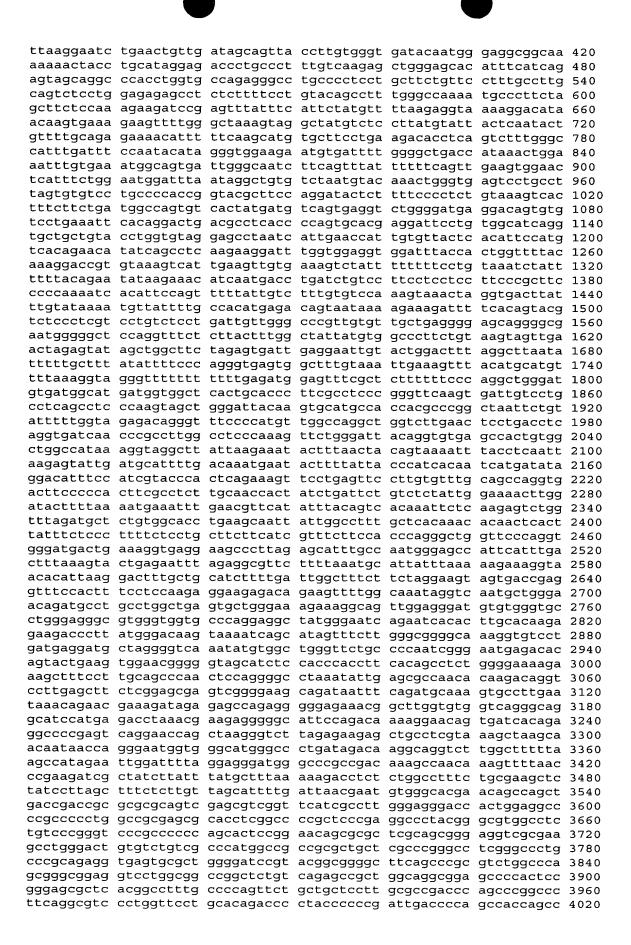
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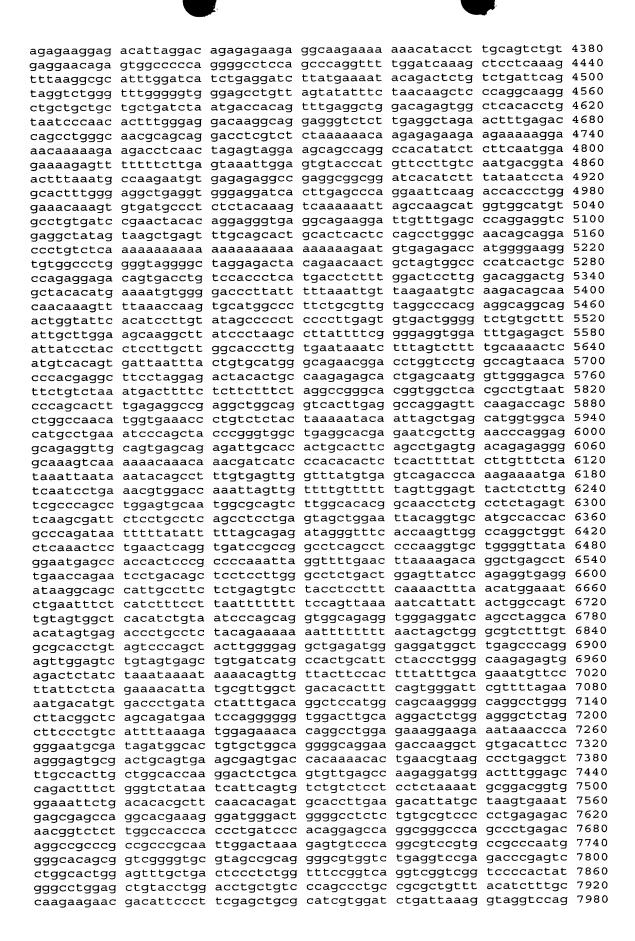
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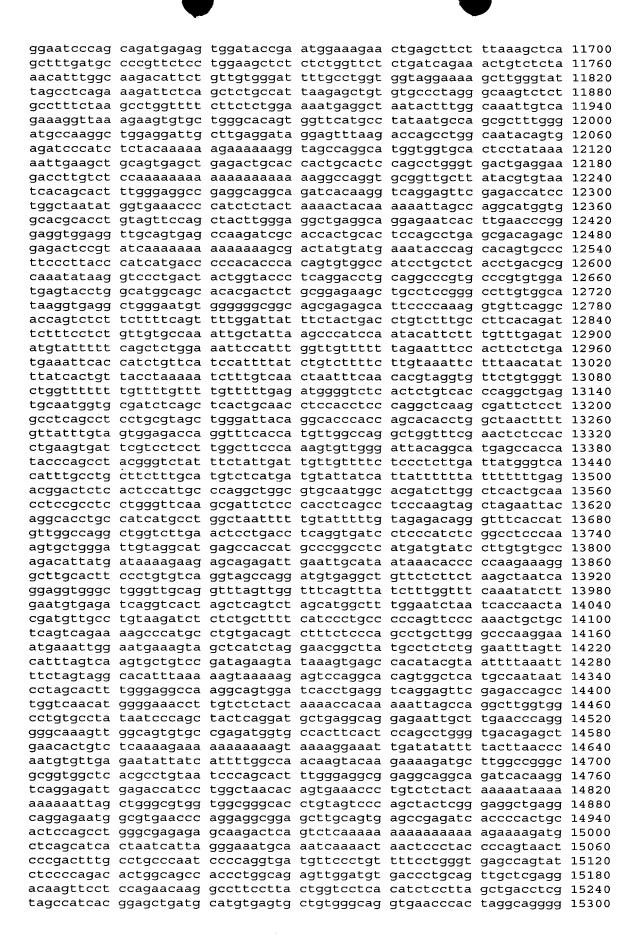
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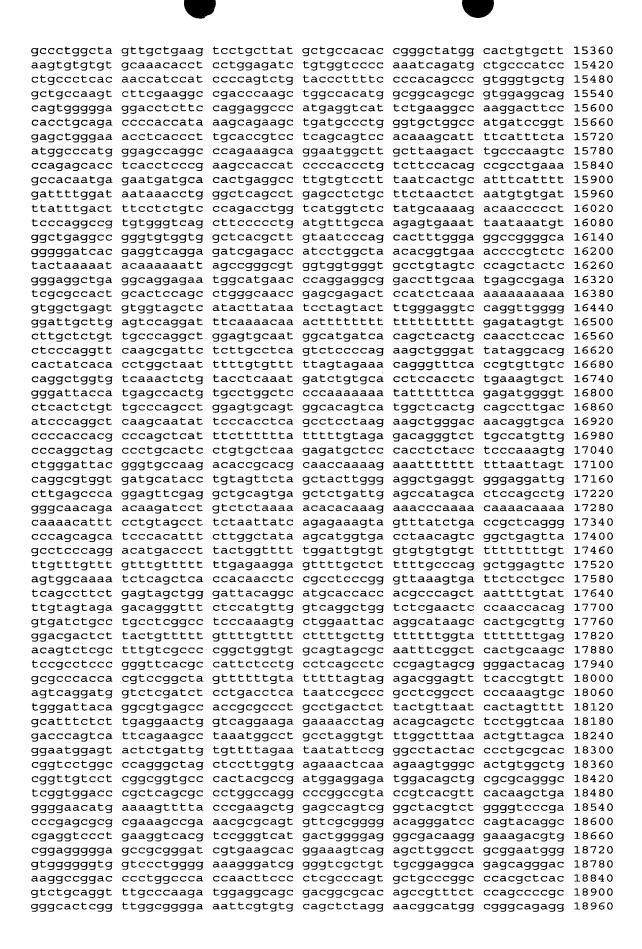
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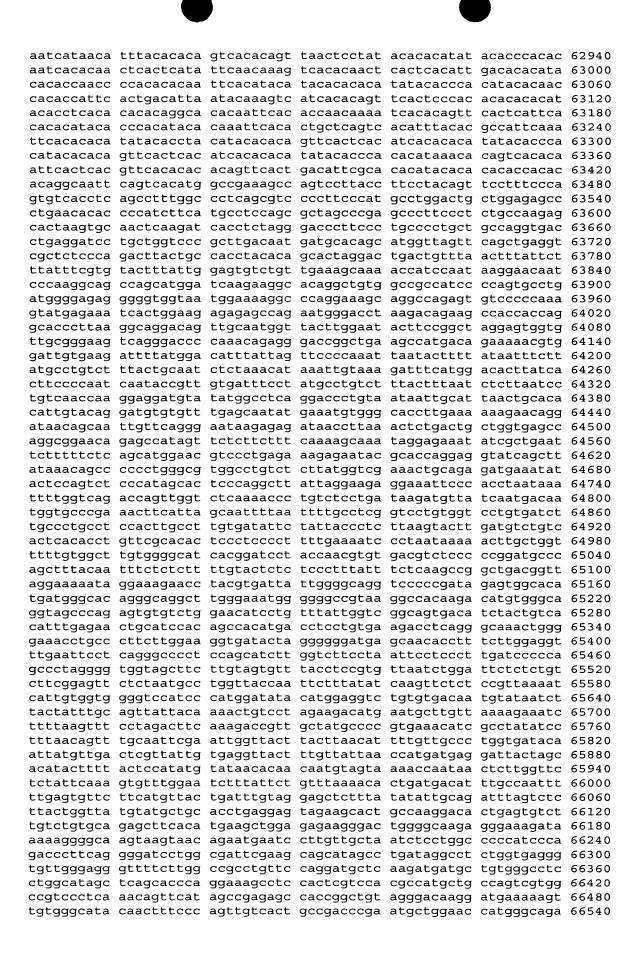
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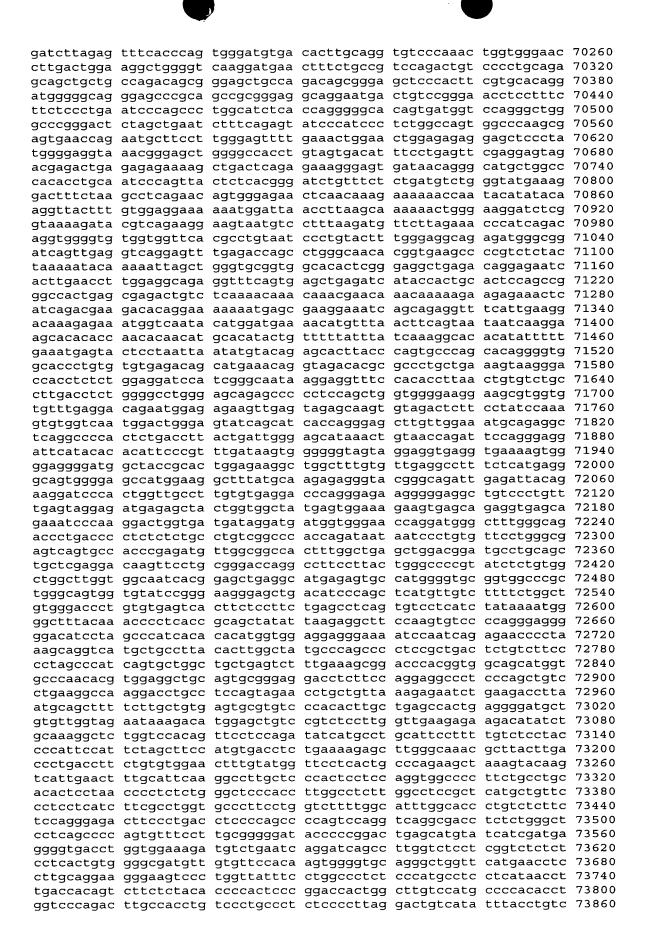
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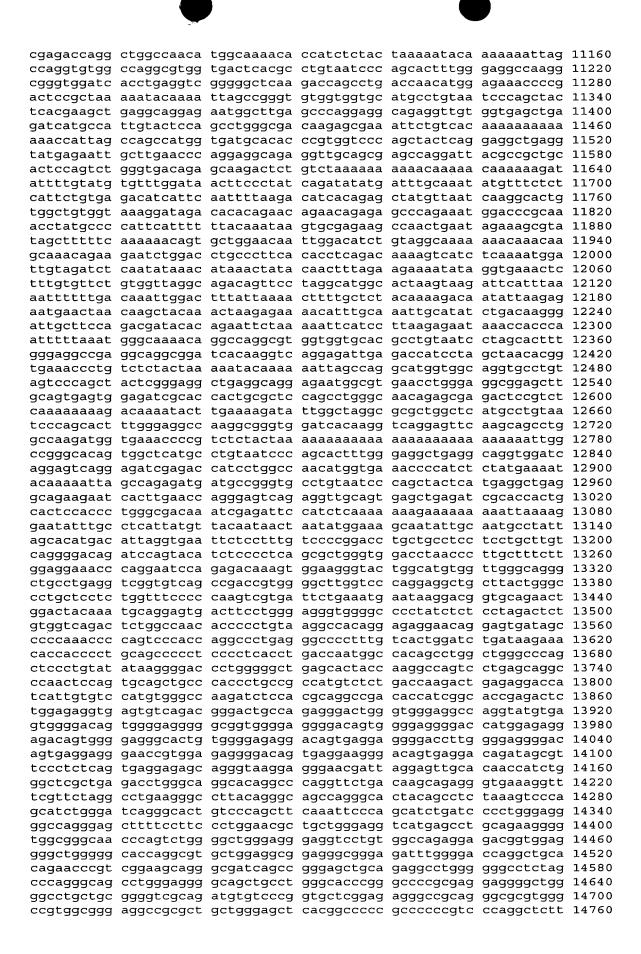
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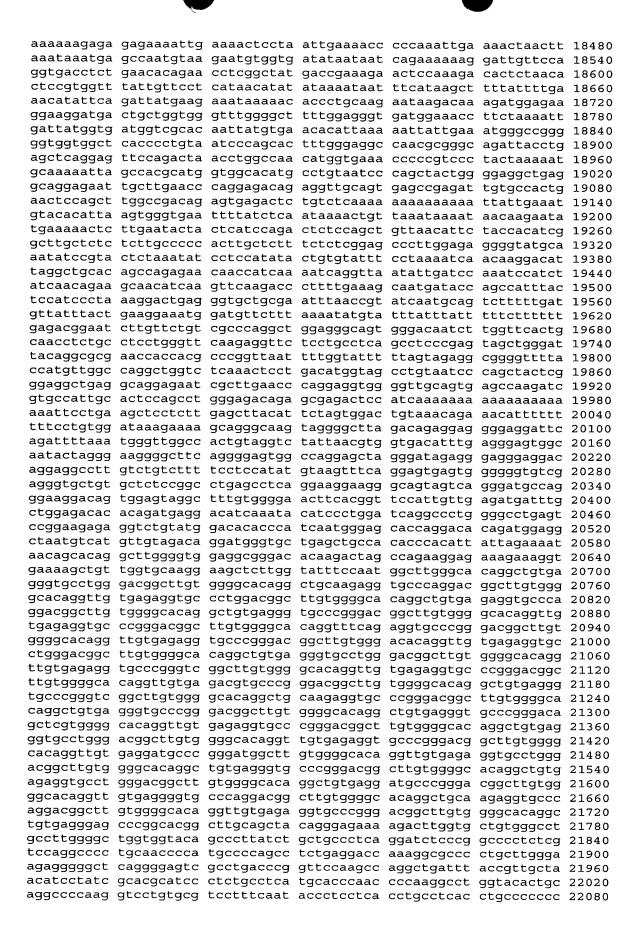
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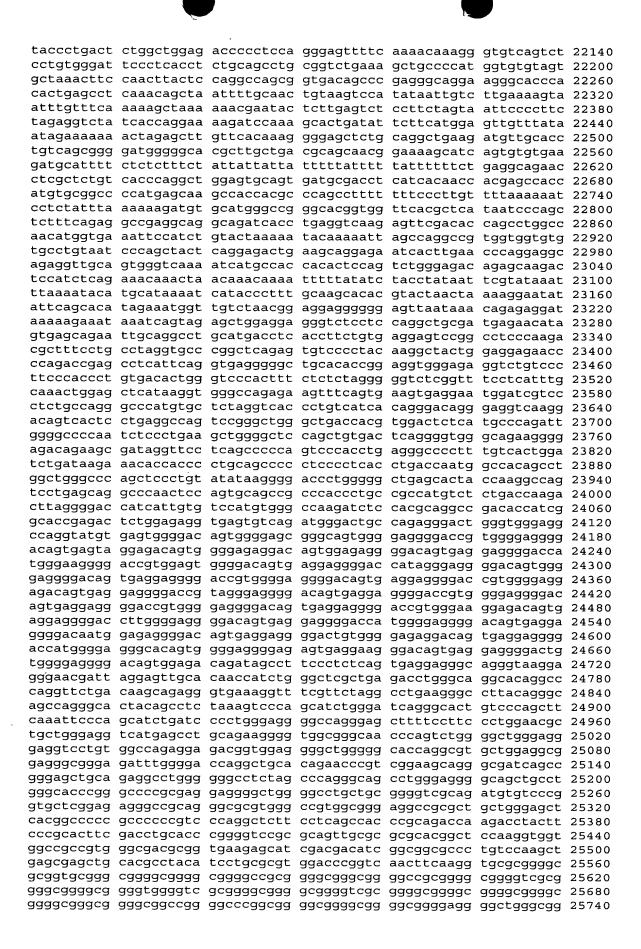
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